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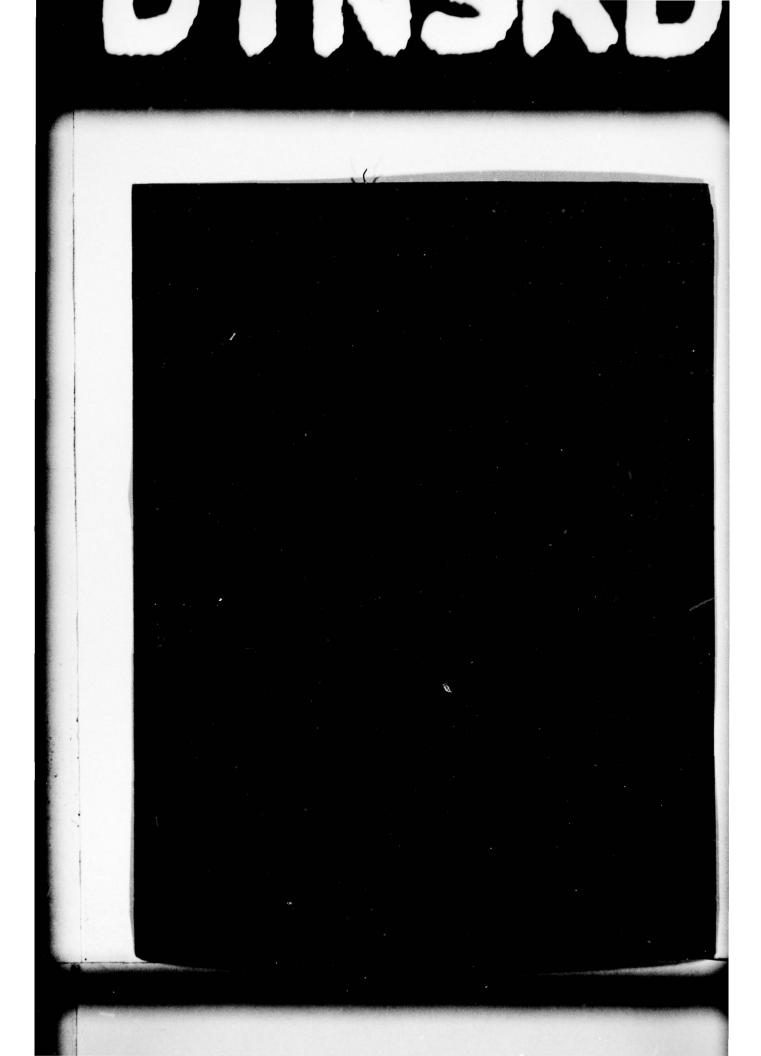
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Design information is given to provide ship structural designers with convenient tabulations of the properties of built-up T-beams for the following high-strength materials: HY-80, HY-100, HY-130, and Ti 6Al-4V extra low interstitial. The T-beams are arranged in order of increasing sectional area for each material. Criteria for proportioning the T-beams are included in this report.

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The unit system used in the tables is English. No attempt has been made to convert to metric units at this time since the majority of structural designs are still done in English units.



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ABSTRACT

Design information is given to provide ship structural designers with convenient tabulations of the properties of built-up T-beams for the following high-strength materials: HY-80, HY-100, HY-130, and Ti 6Al-4V extra low interstitial. The T-beams are arranged in order of increasing sectional area for each material. Criteria for proportioning the T-beams are included in this report.

The unit system used in the tables is English. No attempt has been made to convert to metric units at this time since the majority of structural designs are still done in English units.

ADMINISTRATIVE INFORMATION

The work reported herein was authorized and funded by the Naval Sea Systems Command (03511) under Research Development Test and Evaluation Element 62534N, Task Area SF 43 422 593, Task 20445, Program Code 053, Work Unit title Advanced Ship Structures, Work Unit 1-1730-053-37.

INTRODUCTION

In its quest for faster and lighter ships, the Navy is investigating the use of materials with a high strength-to-weight ratio. Materials of primary interest are HY-80, HY-100, HY-130, and Ti 6Al-4V extra low interstitial (ELI).

Design information contained in this report was developed primarily for use in the structural synthesis design program (SSDP). 1,2 This publication, as a separate report, provides ship structural designers with convenient tabulations for built-up T-beams of higher yield material acting in combination with a range of plate sizes. A similar document for aluminum built-up T-beams was published in 1974.

Nappi, N.S. and F.M. Lev, "Midship Section Design for Naval Ships," NSRDC Report 3815 (1972). A complete listing of references is given on page 12.

²Walz, R.W. et al., "Manual for Use of Structural Synthesis Design Program," DTNSRDC Report 77-0032 (1977).

³Lev, F.M. and N.S. Nappi, "Properties of Combined Aluminum Beam and Plate," NSRDC Report 4336 (1974). 777 616

Dimensional limitations for T-beams made of high-strength steel and titanium were computed by the formulas contained in the U.S. Navy design data sheet. 4 By applying these dimensional limitations to the present mild steel beams used in the structural synthesis design program, it was found that approximately 50 percent of the beams in that catalog were unacceptable for use if made of HY-80, HY-100, HY-130, or Ti 6Al-4V ELI materials. Therefore, a definite need existed for developing T-beams with dimensions based on the properties of the higher yield materials. By using the built-up T-beams described in this report, more efficient structural designs can be produced for higher yield materials.

DETERMINATION OF EFFECTIVE PLATING WIDTH

When the plate is considered to be acting in combination with a T-beam, selection of an effective width of plating is based on the following formula 4

$$b_{eff} = 2t\sqrt{E/\sigma_y}$$

where E is modulus of elasticity

σ, is tensile yield strength

t is thickness of plate in inches.

Table 1 gives the values used for effective width for the various materials considered. The standard thicknesses of high yield plate available up to 2 inches are given in Table 2. Section properties listed in Appendixes A through D apply only when stiffener spacing is equal to or greater than effective width.

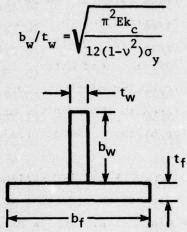
DIMENSIONAL PROPORTIONING

Proportioning of the T-beams was accomplished by using equations given in References 1 and 4. Use of these equations insured that local

⁴"Strength of Structural Members," Design Data Book, Department of the Navy, Bureau of Ships Classification DDS 9110-4 (1956).

buckling of the flange and web would not occur at less than the yield strength of the material. The following limitations have been imposed on the dimensions of the built-up T-beams.

The maximum web-depth-to-web-thickness ratio (b_w/t_w) is determined by



where E is modulus of elasticity

V is Poisson's ratio

 σ_{y} is yield strength

 $\boldsymbol{k}_{\text{C}}$ is coefficient dependent on plate aspect ratio, loading conditions, and boundary conditions.

TABLE 1 - DIMENSIONAL LIMITATIONS FOR T-BEAMS OF HIGH-YIELD MATERIAL

Material	Modulus of Elasticity psi	Yield Strength psi	Maximum Web Depth to Web Thickness b /t w w	Maximum Flange Width to Flange Thickness bf/tf	Effec- tive Width of Plating	Density lb/in. ³
HY-80	29.0 x 10 ⁶	80 x 10 ³	42	19	38t*	0.283
HY-100		100 x 10 ³		17	34t	0.283
HY-130	29.0 x 10 ⁶	130 x 10 ⁶	33	15	30t	0.283
Ti 6Al-4V ELI	16.5 x 10 ⁶	120 x 10 ³	25	11	23t	0.160

*Where t is the thickness of plate in inches.

TABLE 2 - STANDARD THICKNESS OF PLATES

Bew Joseph - Tr

	Inches	
1/8		(0.1250)
5/32		(0.1563)
3/16		(0.1875)
7/32		(0.2188)
1/4		(0.2500)
9/32		(0.2813)
5/16		(0.3125)
11/32		(0.3438)
3/8		(0.3750)
7/16	and the state of the state of	(0.4375)
1/2		(0.5000)
9/16		(0.5625)
5/8		(0.6250)
11/16		(0.6875)
3/4		(0.7500)
7/8		(0.8750)
1		(1.0000)
1 1/8		(1.1250)
1 1/4		(1.2500)
1 3/8		(1.3750)
1 1/2		(1.5000)
1 3/4		(1.7500)
2		(2.0000)

The following assumptions were used to determine k.

- 1. The web aspect ratio is greater than 4, long and slender.
- 2. The limiting design-loading condition of uniform-edge compression is used.
- 3. The boundary conditions used are simply supported at the flange and fixed at the plate. With these assumptions, k_c =5.42.

A typical calculation for determining maximum $b_{\underline{w}}/t_{\underline{w}}$ follows:

$$\sigma_{y}$$
 = 80,000 psi for HY-80
E = 29 x 10⁶ psi for HY-80
v = 0.3
 $b_{w}/t_{w} = \sqrt{\frac{\pi^{2}(29 \times 10^{6})(5.42)}{12(1-0.3^{2})80,000}}$
 $b_{w}/t_{w} = 42$

The ratio of flange width to thickness is determined from

$$b_f/t_f = \sqrt{E/\sigma_y}$$

$$= \sqrt{\frac{29 \times 10^6}{80,000}}$$

$$b_f/t_f = 19$$

Dimensional limitations used in this report are given in Table 1.

CALCULATION OF MINIMUM-FLANGE-WIDTH-TO-WEB-THICKNESS RATIO

To produce the maximum local buckling strength of the web of a T-beam, the flange must have sufficient bending stiffness so that the web will buckle in the mode of a plate, simply supported along both edges. For this maximum web-buckling strength to be reached, the inertia of the flange

⁵Brockenbrough, R.L. and B.G. Johnston, "U.S. Steel Design Manual," (1974).

(I_f) must be determined by the larger of the following values:⁶ $I_{f} = 1.85 b_{f} t_{w}^{3} + 2.73 A_{r} t_{w}^{2}$ $I_{f} = 0.118 b_{w} t_{w}^{3} (a/b - 0.41)^{2} + 0.47 b_{w} t_{w}^{3} + 0.43 A_{f} t_{w}^{2} (a/b)^{2}$

where a/b is aspect ratio of the T-beam. (This study used a/b = 4.)

It was noted during the calculations that one could determine a minimum ratio of flange width to web thickness b_f/t_w necessary to provide a simple support at the intersection of flange and web. The calculations showed that a minimum value of 10 for the b_f/t_w ratio was required for this support condition.

ADDITIONAL CONSTRAINTS FOR BEAM SELECTION

The built-up T-beams listed in Appendixes A through D offer the ship structural designer a wide range of beam dimensions for design considerations. These ranges are as follows:

	Inche	es
	From	<u>To</u>
Range 1 - Web Depth	3	10
Flange Width	1	8
Web Thickness	0.1250	0.8750
Flange Thickness	0.1250	1.2500
Range 2 - Web Depth	12	18
Flange Width	4	12
Web Thickness	0.1250	1.2500
Flange Thickness	0.2188	1.5000
Range 3 - Web Depth	21	36
Flange Width	8	17
Web Thickness	0.3750	1.6250
Flange Thickness	0.4375	2.0000

Two additional constraints were used for final beam selection and have been presented in the following sections.

⁶Bleich, F., "Buckling Strength of Metal Structures," McGraw-Hill Book Company (Division of McGraw-Hill, Inc.) New York (1952).

INTERMEDIATE LATERAL SUPPORT

When a T-beam attached to a plate is subjected to bending and/or direct compressive stresses, there is the possibility of lateral buckling, i.e., laying over of the outstanding flange. To prevent this lateral buckling problem, a criterion of maximum permissible ratio of beam length to flange width has been established to provide adequate stability of the outstanding flange. This ratio of beam length (without intermediate lateral support) to flange width is given by the following equation

$$\frac{S}{b_{f}} = \frac{\frac{m\pi}{2\sqrt{3}} \sqrt{E/\sigma_{cr}}}{\sqrt{1 + \frac{1}{3} \frac{b_{w}^{t}w}{b_{f}^{t}f} - \frac{Et_{f}^{2}}{7.8 \sigma_{cr}^{c} b_{w}^{2}}}}$$

where S is safe length for stable T-beam

 σ_{cr} is critical buckling stress

m is a constant, depending on degree of end constraint

E is modulus of elasticity

Since it is desirable for a T-beam to retain its lateral stability until stressed to the yield point of the material, $\sigma_{\rm cr}$ was set equal to $\sigma_{\rm y}$. The constant m was set equal to $\sqrt{2}$ because the ends of the beam flanges are partially constrained in normal shipbuilding practices. ⁷

When the depth of the web and width of the flange are held constant, and the thicknesses of the web and flange are varied, the variation of safe beam length versus the cross-sectional area of T-beam is shown in Figure 1. It can be seen that as the area (weight) increases, some T-beam sections have a shorter safe length than had the previous T-beam section.

^{7&}quot;Design Data for Tee Stiffeners," Navy Department, Bureau of Ships Report 017969 (1944).

Since an increase in weight with a reduction in safe length is a penalty to the designer, only T-beam sections along the dotted line in Figure 1 have been chosen.

EFFECIENT SECTION MODULUS DETERMINATION

Plate and beam combinations used in ship structures are subjected to both axial compressive and bending stresses. The equation for bending stress is

$$\sigma = \frac{M}{Z}$$

where o is bending stress

M is bending moment

Z is section modulus

The section modulii of plate-beam combinations for aluminum, mild steel and high-tensile strength (HTS) steel have been tabulated, for use by designers, in References 3 and 8.

For the higher strength steels and titanium, used in this report, the theoretically most efficient section modulus $(Z_{\rm EFF})$ was determined, as shown below, using the information from strength of materials. This section modulus is found when most of the material is as far from the neutral axis as possible.

$$Z_{EFF} = 1/2 \cdot A_{TOTAL} \cdot h$$

⁸"Manual of Properties of Combined Beam and Plate, Part I, Tees and Angles," Coordinated by the Society of Naval Architects and Marine Engineers for the Maritime Administration, U.S. Department of Commerce, and the Bureau of Ships, Department of the Navy, NAVSHIPS 250-443-1, Part I (updated).

⁹Timoshenko, S. and D.H. Young, "Elements of Strength of Materials," McGraw-Hill Book Company (Division of McGraw-Hill, Inc.) New York (1968).

The minimum section modulus (Z_{MIN}) for a plate-beam combination is then divided by the theoretically most efficient section modulus (Z_{EFF}) to determine the percent of efficiency of the plate-beam combination. Figure 2 is an illustration of the variation of percent efficiency (Z_{MIN}/Z_{EFF}) with selected T-beam for a typical thickness of plate. An arbitrary cutoff value can be selected to eliminate unnecessary (inefficient) plate-beam combinations. (This study used 50 percent.) The resulting plate-beam combinations were used in the remainder of the study.

Figure 3 shows minimum section modulus versus area of T-beam section. One can see that for an increase in area of the T-beam section, the increase in section modulus is small for some of the T-beam sections. Therefore, only those above the dotted line of Figure 3 were used for the final selection.

SYMBOL NOMENCLATURE AND DEFINITION

The section properties of combined beam and plate for high strength steels and titanium are given in Appendixes A through D. They are intended to be used in designing ship structures, when the plate is considered to act as one of the flanges of the attached member. Beams are arranged in order of increasing sectional area. The symbols used are defined as follows:

Nomenclature:	Definition
Beam area	Area of beam only in square inches
Beam depth	Depth of beam to the plate in inches
Flange thick	Thickness of beam flange in inches
Flange width	Width of beam flange in inches
Inertia	Moment of inertia of combined beam and plate in inch
Nominal size	Beam designation for built-up beamsweb depth times flange width times thickness of web/thickness of flange
R	Radius of gyration of combined beam and plate in inches
Shear area	Shear area of combined beam and plate (depth of beam plus plate thickness times thickness of web) in square inches
Web thick	Thickness of web in inches
Wt/ft	Weight per foot of beam only, in pounds per foot, based on unit weight of 0.283 pound per cubic inch (1b/in. 3) for steel and 0.160 lb/in. 3 for titanium

Nomenclature:	Definitioncontinued
YF	Distance from neutral axis to the beam flange in inches
YP	Distance from neutral axis to the plate in inches
ZFL	Section modulus to the flange in cubic inches
ZPL	Section modulus to the plate in cubic inches

ACKNOWLEDGMENTS

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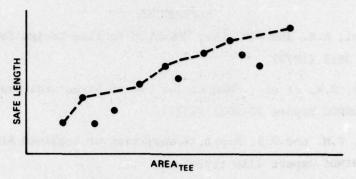


Figure 1 - Safe Beam Length versus Area of T-Beam

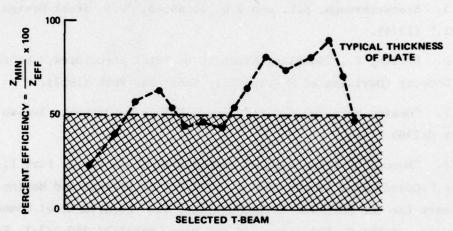


Figure 2 - Efficiency of Section Modulus versus Selected T-Beam

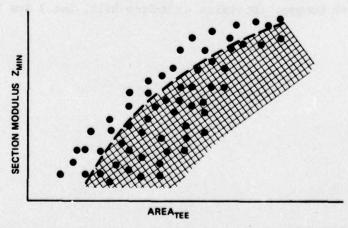


Figure 3 - Section Modulus versus Area of T-Beam

REFERENCES

- 1. Nappi, N.S. and F.M. Lev, "Midship Section Design for Naval Ships," NSRDC Report 3815 (1972).
- 2. Walz, R.W. et al., "Manual for Use of Structural Synthesis Design Program," DTNSRDC Report 77-0032 (1977).
- 3. Lev, F.M. and N.S. Nappi, "Properties of Combined Aluminum Beam and Plate," NSRDC Report 4336 (1974).
- 4. "Strength of Structural Members," Design Data Book, Department of the Navy, Bureau of Ships Classification DDS 9110-4 (1956).
- 5. Brockenbrough, R.L. and B.G. Johnston, "U.S. Steel Design Manual," (1974).
- 6. Bleich, F., "Buckling Strength of Metal Structures," McGraw-Hill Book Company (Division of McGraw-Hill, Inc.) New York (1952).
- 7. "Design Data for Tee Stiffeners," Navy Department, Bureau of Ships Report 017969 (1944).
- 8. "Manual of Properties of Combined Beam and Plate, Part I, Tees and Angles," Coordinated by the Society of Naval Architects and Marine Engineers for the Maritime Administration, U.S. Department of Commerce, and the Bureau of Ships, Department of the Navy, NAVSHIPS 250-443-1, Part I (updated).
- 9. Timoshenko, S. and D.H. Young, "Elements of Stength of Materials," McGraw-Hill Book Company (Division of McGraw-Hill, Inc.) New York (1968).

APPENDIX A
PROPERTIES OF COMBINED BEAM AND PLATE FOR HY-80 STEEL

AREA			• • •	*	• 66	.54	99.	. 63	.65	1.02	1.21	. 30	1.02		1.39	1.20	1.02	1	1.39	1.21	1.40	1.21	1.64	1.40	1.63	1.89	2.13	2.36	2.11	2.14	2.3	2.61	2.13	2.39	2.63	2.61	2.36	2.1.2	2.6	2.61	2.31	2.14	5.6	2.6	2.0
THICK	188		.100	.188	.188	.188	.188	.313	.313	.313	313	250	212	250	250	.250	313	.313	.250	.313	.313	.313	.430	.313	.375	.438	.375	.313	.313	.438	.375	.313	.375	. 438	.375	.313	.313	.375	.375	.313	.375	.438	.438	.375	4.20
E	2.00			3.00	2.00	3.00	3.00	2.00	3.00	2-00	2.00	2.0	3.00	7	3-80	4.00	4-00	3.00	4.00	4.00	4.00	5.11	3.00	2.00	4.00	3.00	3.00	3.00	4.00	3.00	3.00	3.00		3.00	3.00	4.00	2.00	2.00		2.08	2.00	2.10	**	2.00	
THICK	125		.162	.125	.125	.125	.125	.188	.188	.188	188		188	188	188	188	188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	.250	.250	.250	.250	.250	.250	.250	
DEPTH	40	61.0	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	2.3	5.25	7.25	6-25	5.31	7.31	7.25	6.31	7.31	6.31	6.44	7.31	6.38	7.44	8.38	9.31	8.31	8.44	9.38	10.31	8.38			10.31	9.31		10.38	•	9.38	9.44	10.44	10.38	
AREA	75			16.	1.00	1.06	1.19	1.38	1.50	1.56	1.75			100	2.06	2.13	2.19	2.25	2.31	2.38	2.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	3.38	3.44	3.50	3.56	3.63	3.75	3.61	3.88		4.06	4.13	4.13	4.25	4.38	
4	1.0		6.5	1.7	3.0	2.2	2.7	2.2	1.5	2.7	3.2		2.4	2.3	2 .	2.8	2.2	3.4	3.2	5.6	3.0	5.4	2.7	2.8	5.6	3.2	3.8	*:	3.6	3.6	4.2	6:4	3.4	•			2.0	3.2		4:5	3.6	3.0	4.2	4.0	
YP	4-1		1.0	1.6	2.3	2.1	5.6	2.2	1.9	2.7	3.2		3.0			3.6		4.1	4.1	3.8	4.4	4:1	3.8	4.7	3.9	* . *	*:	5.1	6.4	6.4	5.3	2.6	5.1	2.5	2.8	2.9	2.5	5.3	6.2	2.9	2.9	2.5	4.9	6.5	•
~	1		1.0	1:4	2.2	1.0	2.2	1.8	1.4	2.2	2.5	2.8	2.2	2.2	2.0	2.6	2.2	3.0	2.9	2.6	3.0	9.2	2.5	6.2	5.5	6.2	3.2	3.5	3.2	3.3	3.6	3.9	3.2	3.6	3.9	3.9	2.0	3.5	3.9	6.0	3.6	3.2		3.9	
INERTIA				3.2	1.5	9.6	9.0	4.9	4.3	10.2	15.2	10.	12.1	12.3	22.6	18.1	13.5	24.8	25.2	19.9	27.7	21.6	22.0	30.1	N	0		47.1	40.1	41.3	9.06	2.09	43.1	53.9	9.49	999	2001	40.0	71.5	72.1	61.0	1.64	16.0	77.4	
ZFL	4		1.9	1.9	5.5	2.5	3.3	2.9	2.8	3.7	1.1		2.5			9.9	6.5	7.4	7.8	7.7	9.1	9.2	8.0	10.9	8.9	9.6	10.3	10.8	11.2	11.4	12.0	12.4	12.5	13.1	13.7	14.7	15.0	14.8	16.5	17.0	17.0	16.5	18.2	19.5	
P. 1			0.7	2.0	3.3	2.7	3.5	2.9	2.2	3.8	4.4							6.1	6.1	5.5	6.3	5.3	5.7		5.8	7.0	8.2	9.3	8.3	4.8	9.6	10.9	9.2	6.6	11:1	11.3	10.0		11.6	11.6	10.3	9.0	11.9	12.0	-
/FT		•	66.7	3.20	3.40	3.60	4.05	4.69	5-10	5.30	5.95	6.15	62.49	6.60		7.24	7.45	7.65		8.09		9.15	9.55	9.79	10.20	10.40	10.64	10.85	11.05	11.25	11.49	11.70	11.90	12.10	12.34	12.75	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	
32	TARE		1001	.1881	.188T	.188T	.188T	.313T	.31.3T	.31.37	31.37	25.0T	31.31	2501	•	.250T	31.31	.3131	. 25	.31	.31	.31	•	•	•	•		.313T	.313T	.438T	.375T	.313T	.375T	-4381	.37 54	.313T	.3131	.3751	.3751	.3131	.375T	.4381	.4381	.3751	
DHINAL SIZE	2	1367	1621	1521.	.125/	.125/	.125/			188/	-	1	188/	188	188/	188/	188/	.188/	.188/	.188/	.188/	.188/	.250/	.188/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	-250/	-250/	.250/	1052.	1920	1052.	1052.	1052.	1052.	.250/	.250/	1052.	-250/	
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200	•	12.	9.1		52.8	3.2	5.8	2.8	.6	9.44	.250	6.00	.438	2.1
201	.43	36	12.2	~	82.3	3.9	6.7	3.8	69.4	10.44	.250	2.00	.438	2.6
6	.37	115	12.2	2	82.6	3.9	6.7	3.8	4.75	10.38	.250	6.00	.375	2.6
100	.37	.59	10.7	21	4.89	3.5	6.4	3.1	4.89	9.38	.250	7.00	.375	2.3
6	.43	20	9.3	21	55.4	3.1	6.0	5.6		8.44	.250	7.00	.438	2.1
6	.37	**	12.5		87.0	3.9	7.0		5.13		.250	7.80	.375	2.6
6	.43			24.5	72.4	3.5	9.9	3.0	5.31		.250	7.00	.438	2.3
3			13.7	22.3	6.06	3.9	9.9	.:		10.56	.313	4.00	.563	3.3
13/			17.0	23.0	122.4	4.5	7.2	5.3		12.41	.313	4.00	904.	3.92
6				23.9	57.8	3.1	6.1	2.4		9.44	.250	8.00	.438	2.1
6			12.7	27.6	92.2	3.9	7.2	3.3	96	10.44	.250	7.00	.438	2.6
3			17.4	25.0	129.2	4.6	7.4	5.5	.63	12.47	.313	00-4	694.	3.9
6		19.55	11.1	27.3	75.4	3.4	6.8	2.8	.75	9.44	.250	8-00	.438	2.3
13			17.6	26.5	132.3	4.6	7.5	5.0	.78	12.41	.313	5.00	904.	3.9
313/				27.0	135.7	9.4	7.6	5.0		12.53	.313	4.00	.531	3.9
100				30.7	96.1	3.8	7.4	3.1	.00	10.44	.250	8.00	.438	2.6
3			18.0	29.0	139.8	4.6	7.8		60.	12.47	.313	2.00	694.	3.9
3		21.05	18.0	59.9	141.1	4.6	7.8	1.1	.19	15.41	.313	9.00	.4.86	3.9
313/			18.4	31.5	146.9	4.6	8.0	4:1	.41	12.53	.313	5.00	.531	3.9
3			18.5	32.9	149.0	4.6	8.1	4.5	9	12.47	.313	6.00	694.	
313/		22.41	18.4	33.4	148.9	4.6	8.1	4.5	.59	15.41	.313	7.00	904.	
3		23.60	18.6	35.9	156.4	4.6	8.3	\$. \$	16.	12.53	.313	6.00	.531	
3		23.90	18.9	36.9	157.2	4.5	8.3			12.47	.313	7.00	.469	
2		54.24	24.2	32.3	202.1	5.1		6.3	.13	14.47	.375	4-00	694.	5.47
3	.531T	52.09	24.8	34.6	211.7	2.5	8.5	6.1	7.38	14.53	.375	4-00	.531	5.5
M		25.40	19.5	40.3	164.8	4.5	9.0	:;	*	12.53	.313	7.1	.531	3.9
3			19.2	40.8	164.3	4.5	9.6	;	1.50	15.47	.313	9.00	. 469	3.9
2		6	25.3	36.9	6.022	2.5	8.7	9.0		14.59	.375	4.00	165.	5.5
375/			21.1	37.4	172.2	4.5	8.5		7.78	12.66	.375	2.00	. 656	;
2		•	25.8	39.0	259.7	2.5	6.9	2.9		14.66	.375	4.00	.656	5.5
375/			25.7	39.8	228.8	2.5	6.9	2.0	7.91	14.53	.375	2.00	.531	5.5
13		27.20	19.5	24.7	172.1	4.5		M. W.	-	12.53	.313	8.00	. 531	8.0
375/			56.4	45.0	243.9	2.5	9.2	2.4	3 . 6	14.53	.375	00-9	.531	500
375/			26.7	45.3	248.5	2.5	9.3	2.5	8.53	14.66	.375	2.00	. 656	2.5
375/			56.5	46.0	245.3	2.5	9.3	5.3	8.53		.375	2.00	694.	2.4
313/			19.8	0.64	178.5	;	9.0	3.6		5	.313	9.00	.531	
375/			27.0	48.3	254.7	2.5	9.6	5.3	8.81		.375	6.00	.594	2.55
3			27.1	20.0		2.5	9.5	2.1		5	.375	7.00	.531	
375/			27.0	50.6	256.8	2.5	9.5	5.1	-	14.47	.375	9.00	694.	
313/			20.0	53.3		;	3.5	3.5	ō	5	.313	10.00	.531	
15			27.4	5105	264.8	2.5	9.6	5.1	-	9	.375	6.00	.656	5.5
375/			27.6	53.9	268.5	5.5	4.6	2.0		14.59	.375	7.80	.594	5.5
15			27.6	55.1	2692	5.5	9.6	6:4	9.50	5	.375	9.00	.531	
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.93

IN. PLATE

AREA DEPTH 4.63 0.44 4.75 10.36 6.08 9.38 5.06 0.44 5.13 10.38 5.31 9.44 5.31 10.38 5.31 10.38 5.31 10.36 5.31 10.56 5.31 10.56 5.50 10.44	ระกระกระกระกระกระกระกระกระกระกระกระกระกร						INERTIA 6 3.3 3 3.4 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5
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										BEAN	M DIMENSTONS			
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OMINAL S		JFT.		ZFL	INERTIA	~	YP	AF	AREA	DEPTH	THICK	HIDIM	THICK	AREA
6x .375/	T#65.	:	32.2	62.4	313.2	5.4	4.4		10.01	14.59	.375	0.00	*65*	5.53
1X . 375/		=		65.9	312.4	5.3	7.6	•	10.03	14.53	.375	9-09	.531	5.51
•		. 65		58.0	395.9	6.0	6.6		10.19	16.53	.438	6.00	.531	7.31
•		.95		58.4	405.6	9.0	6.6	on.	10.28	16.66	.438	2.00	• 656	7.37
1315/ X				61.9	235.2	4.5	6.0		10.44	12.59	.375	10.00	.594	4.7
•				8.99	325.3	5.3	6.6	0	10.50	14.66	.375	0.00	•656	5.56
•		.90		61.9	413.0	0.9	1001	-	10.56	16.59	.438	6.00	.594	7.33
•		=		68.2	323.5	5.3	6.6	~	10.56	14.53	.375	10.00	.531	5.51
•		36.01		61.7	417.1	6.0	0		10.59	16.72	.438	2.00	.719	7.39
×		36.81		68.2	325.7	5.3	•		10.59	14.59	.375	9.00	.594	5.53
×		37.20		65.8	429.3	6.0		5	10.94	16.66	.438	6.00	.656	7.37
×		37.60	48.2	67.7	525.7	9.9	10.9		11.06	5	.438	6.00	.531	8.18
×	•	37.94		68.2	534.0	9.9	11.0		11.16	18.66	43	5.00	.656	8.24
*		38.05		73.9	337.8	5.3	10.2		11.19		37	10-00	465.	5.53
		38.45		69.7	6444	6.0	10.5		11.31	-	638	6-60	.719	7.39
				72.2	547.9	6.7	11.2		11.66	18.59	. 638	6-80	188	8.21
		20.00		11.	552. B		11.2		11.67		478	2.00	710	A. 27
	•	20 05			456 7				75		424		204	7 22
ATA. VO	•	•	12.7	75.8	455.0				7.	16.53	424		123	7. 2.
	•	•		100	24.7 6						275		105	
10 10 N		40.00		70.6	578.0	2.5	100		12.02			11.00	.234	2000
	•	•			0.000			, ,	20.21					
		*****	200	2010	2000		11.5	U P	12.10	10.73	000		100.	01.0
	•	200			2000	•	0 0	, .	2000	70.07	000		21.	2.6
		41.07		61.9	6.274	•	10.9		16.31	2	000	10.00	156.	
•		41.96		81.8	475.6	•	10.9	0	12.34	16.59	. 430	9.00	.534	200
•	•	45.40		83.5	591.7	9.9	111.7	-	15.47	18.66	.438	2.00	.656	2.9
•	•	45.40		85.6	359.9	2.5	10.6	N	15.47	14.66	.375	11.00	.656	5.56
9x .438/	.531T	43.04		87.8	605.0	6.7	11.8		15.66	18.53	.438	9.00	.531	8.18
•	•			88.4	493.1	6.0	11.2	9	15.94	16.59	.438	10-00	.594	7.33
•	•	44.64		92.9	629.1	6.7	12.0		13.13	18.66	.438	9.00	.656	8.24
•	•	46.00		94.8	508.8	6.6	11.4		13.53	16.59	.438	11-00	.594	7.33
•	•	46.10		24.7	511.9	5.9	11.4	3	13.56	9	.438	10.00	.656	7.37
•	•	46.85		101.0	655.3	6.7	12.3	2	13.78	18.66	.438	9.00	•656	8.24
•	•	46.95	_	102.0	654.2	6.7	12.3	4.9	8	18.59	.438	10-00	.594	8.21
•	.719T			101.2	529.7	2.9	11.6	2.5	-	•	.438	10.00	.719	7.39
.438	•	m.	42.4	101.9	528.1	6.6	11.6	2.5	14.22	16.66	.438	11.00	969.	7.37
.438	•	49.10	6	109.1	679.0	9.9	12.6	6.2	•	18.66	.438	10.00	.656	9.24
.438	1617.	69.05	46.0	1.001	545.8	6.6	11.9	5.0	14.91	16.72	.438	11-00	.719	7.39
. 438		51.31	24.6	117.1	6.007	9.9	12.8		•	18.66	.438	11-00	.656	8.24
.500	29.	52.70	71.6	113.3	955.3	7.6	13.4		15.50	21.63	. 500	8.00	.625	10.89
•	.65	53.55	55.5	125.1	721.0	9.9	13.1		15.75	18.66	.438	12.00	.656	9.24
.500	•	54.40	72.8	120.1	990.1	7.6	13.6	~	0	21.69	.500	8.00	.688	16.92
8x .500,	.75	56.10	74.0	126.7	1023.2	7.7	13.8	8.1		21.75	.500	8.00	.750	10.95
	,	200							•	3. 67	200		263	
•	70.	20.92	1.57	131.7	0.31.0	95	7.00			C1.00	. 2000		6 70 .	ē

		-	AUDUL US	•						WEB	FLA	FLANGE	SHEAR
	HT/FT	ZPL	ZFL	INERTIA	~	4	4	AREA	DEPTH	THICK	HIDIM	THICK	AREA
	59	75.2	140.2	1066.4	7.6	14.2	7.6	17.38	21.63	.500	11.00	.625	10.89
500/ .875T	59	76.0	140.1	1086.0	7.7	14.3	7.8	17.50	21.88	.500	8-00	.875	11.02
.5007 .750T	61.20	76.5	1.69.1	1105.1	7.6	14.4	7.5	18.00	21.75	.500	10.00	.759	11.9
	61.40	76.4	149.5	1104.9	7.6	14.5	4:4	18.06	21.69	.500	11.00	.688	10.92
	99	78.2	169.1	1168.6	1.6	14.9	6.9	19.44	21.69	.500	13.00	.688	10.9
5007 . 750T	66.30	78.5	169.3	1175.0	1.6	15.0	6.9	19.50	21.75	.500	12-00	.750	10.9
5007 -875T	68.44	79.6	176.6	1209.0	7.6	15.2	8.9	20.13	21.88	.500	11-00	.875	11.0
	73.95	1.08.1	173.5	1658.8	9.8	15.3	9.6	21.75	24.75	.625	9.00	.750	15.5
.625/ .750T	16	110.0	185.7	1720.3	9.8	15.6	9.3	22.50	24.75	.625	10.00	.750	15.5
	79	111.7	197.7	1777.6	9.0	15.9	9.0	23.25	24.75	.625	11.00	.750	15.5
1625/ .8757	80.75	113.2	204.3	1823.3	9.6	16.1	6.9	23.75	24.88	.625	10.00	.875	15.6
.625/1.1251	85.44	116.7	223.3	1936.0	9.6	16.6	8.7	25.13	25.13	.625	9.00	1.125	15.0
.625/ .875T	69.69	117.8	245.8	1994.2	8.5	16.9	8.1	26.38	24.88	.625	13.00	-875	15.6
1578. 1529	95.65	119.1	259.7	2044.1	8.5	17.2	7.9	27.25	24.88	.625	14.00	.875	15.6
.625/1.125T	93.	120.2	258.3	2074.6	9.6	17.3	8.0	27.38	25.13	.625	11-00	1.125	15.8
325/1-1257		121.7	275.5	2135.0	9.5	17.5	2	28.50	25.13	.625	12-00	1.125	15.0
.688/1.125T	97.	151.6	266.6	2733.3	9.6	18.0	2	58.69	28.13	.688	9.00	1.125	19.46
125/ .875T	98	121.3	586.9	2135.1	9.4	17.6	7.4	29.00	24.88	.625	16.00	.875	15.65
1878. 1888	98.80	151.4	9.922	5742.9	9.6	18.1	6.6	29.06	27.88	.688	12-00	.875	19.29
1578. 1888	101.80	153.3	292.2	2819.4	9.6	18.4	9.6	59.94	27.88	.688	13.00	.875	19.29
688/1.125T	105.	156.5	306.5	2929.8	9.6	18.7	9.6	30.94	28.13	.688	11.00	1.125	19.46
7507 .8757	115.	195.0	343.4	3859.6	10.5	19.8	11.2	33.88	30.88	.750	13.00	.875	23.26
538/1.125T		162.3	364.8	3176.9	9.5	19.6	8.7	34.31	28.13	.688	14.00	1.125	19.4
750/1-125T		198.9	359.5	4006.1	10.6	20.1	11.1	34.88	31.13	.750	11.00	1.125	23.46
688/1-125T	120.50	163.8	384.7	3249.5	9.5	19.8		35.44	28.13	.688	15.00	1.125	19.4
750/1.1257		201.7	381.7	4128.4	10.6	20.5		36.00	31.13	.750	12.00	1.125	23.46
7507 .8751		201.6	395.4	4144.3	10.5	50.6	2	36.50	30.88	.750	16.00	.875	23.5
688/1-125T		165.3	403.7	3317.1	9.6	20.1	2	36.56	28.13	.688	16.00	1.125	19.4
.750/1.125T		206.7	4529.4	4351.5	10.5	21.1	2	38.25	31.13	.750	14.00	1.125	23.4
875/1.375T		227.7	399.1	1	10.6	20.1	11.5	40.00	31.38	.875	10.00	1.375	27.5
875/1.125T		265.5	453.4		11.5	21.6	12.7	42.38	34.13	.875	12.00	1.125	30.0
875/1.375T		267.8	454.2	1	11.6	21.7	12.8	42.63	34.38	.875	10.00	1.375	30.22
875/1.125T		298.8	457.2		12.4	22.5	14.7	45.75	37.13	.875	10-00	1.125	32.63
875/1.375T		272.1	483.7	-	11.6	22.1	15.4	44.00	34.38	.875	11.00	1.375	30.
875/1.125T		272.5	501.5	4	11.5	25.2	15.1	44.63	34.13	.875	14.00	1.125	30.0
875/1.500T		316.3	539.2	-	12.6	23.7	13.9	46.50	37.50	.875	10.00	1.500	32.9
875/1.3757	172.55	328.9	640.0	-	12.6	24.8	12.7	50.75	37.38	-875	14.00	1.375	32.1
A75/1.500T													

0.1563 - 5/32 in.

								*******	8	EAY DIMENSIONS	SIONS ***	*******	
	S	SECTION	S							MEB	_	ANGE	SHEAF
=	1/FT	ZPL	_	INERTIA	œ	4	4	AREA	DEPTH	THICK	HIDIN	THICK	ARE
~	. 55	3.7	1.5	3.6	1.3	1.0	5.4	.75	3.19	.125	2.00	.188	*
N	66.	2.0	2.1	4.0.	1:1	1.3	4.0		4.19	.125	2-00	.188	.5
, w			2.4			::	3.2		67.9	125	0000		
, M	60	5.5	2.7	7.9	1.0	1.5	2.0	1.06	6.19	.125	30.00	188	. 55
•	.05	9.9	3.6	12.5	2.2	1.9	3.5	-	5.19	.125	3.00	.188	.6
3	69.	5.4	3.2	6	1.8	1.7	2.8		4.31	.188	2.00	.313	
5	10	4.2	3.1	6.3	1.5	1.5	2.0	ic.	3.31	.188	3.00	.313	9.
5	.30	6.9	4.1	14.2	2.2	2.1	3.4	1.56	5.31	.188		.313	1.0
5	95	4.9	5.2	50.9	2.6	2.5	4.0	1.75	6.31	.188	2.00	.313	1.2
•	15	9.6	5.6	26.3	5.9	2.7	4.7		7.25	.188		.250	1.4
•	39	7.3	5.6	17.3	2.3	5.4	3.1		5.31	.188		.313	1.0
9			5.9	17.6	2.3	2.4	3.0	m	5.25	.188	4-00	.250	1.02
7.0		10.1	7.1	31.2	3.0	3.1	* . *	0	7.25	.188	3.00	.250	1.4
7.	*		7.3	25.7	2.7	5.9	3.5	-	6.25	.188	4.00	.250	1.2
7.4	5	7.5	6.9	19.7	2.4	5.6	2.8	-	5.31	.188	4.00	.313	1.0
7.6	5		8.3	34.6	3.1	3.3	4.2	~	7.31	.188	3.00	.313	-
7.8	2		8.7	35.4	3.1	3.4	4.1	-	7.25	.188	4.00	.250	1.
8.0	6	9.1	8.5	58.6	2.8	3.1	3.4	m	6.31	.188	4-00	.313	1:
8.7			10.1	39.3	3.2		3.9	10	7.31	.188	4.00	.313	1.
9.1	2	9.3		31.6	2.8	3.4	3.1	5.69	6.31	.188	5.00	.313	1.22
9.6	2		6	30.9	2.7	3.2	3.4		6.44	.250	3-00	.436	-
9.7	6		15.1	43.4	3.2	3.9	3.6	-	7.31	.188	2.00	.313	1.41
10.5		9.7		32.4	2.7	3.3	3.5	0	6.38	.250	4.00	.375	1.64
10.4	•		10.8	45.5	3.1	3.7	3.9		7.44	.250	3-00	. 438	1.
10.6	3		-	52.7	3.4	4:0	4:5	_	8.38	.250	3.00	.375	2.14
10.8	2		15.1	63.0	3.7	4.3	2.5	_	9.31	.250	3.00	.313	2.
11.0	2		2	24.7	3.5	4.1	* . 4	N	8.31	.250	4.80	.313	2
11.2	2		12.7	56.4	3.5	4.2	*:	-	8.44	.250	3.00	.438	2
11.	6	15.1	3	68.0	3.8	4.5	5.1	m	9.38	.250	3.00	.375	~
11.	2		13.9	1.61	4.1	4.8	2.1		10.31	.250		.313	2
111.	90		14.0	6	3.5	4.4	4.2	10	"	.250		.375	~
12.	2	15.5	14.7	2	3.9	4.7	6.4	-	•	.250	3.00	.438	2
12.	34		15.4	92.6	4.2	5.0	9.6		۳.	.250		.375	2
12.	15	17.3	16.5		4.2	5.1	5.4	-	6.3	.250	4.00	.313	2
12.	95	15.7	16.8	77.0	3.9	6.4	4.6		~	.250	5.00	.313	2.
13.	13		16.6	5	3.5	4.6	3.9	-	~	.250	2.00	.375	2
13.	09		16.4	95.6	4.2	5.4	5.5	0	0.3	.250	4.00	.375	2
13.	90	17.9	19.0	1.96	4.2	5.4	5.1	4.06	10.31	.250	5.00	.313	2
1,	10		19.0	83.3	3.9	2.5	*:	4.13		.250	2.00	.375	2
-	.25			.69	3.5		3.6	4.19	•	.250	2.00	.438	2
:	.45	18.2	50.4	102.2	4.3	9.6	2.0	4.25	4	.250	4-00	.438	2
14	69.		:	.+0	*•3		6.4	4.38	~	.250	2.00	.375	~
15	.10		-	0	2			4		250	6.00	4 20	
			:	:	•			*	:	000		. 150	•

SECTION MODULUS		TNE	•	40	46	ADEA	DEPTH	THICK	MIDIN	THICK	APFA
"	1.3		3.	5.1	3.5	4.63	9.46	.250	6.00	438	2.16
2		1		9.0	1:4	69.4	10.44	.250	2.00	.438	5.66
54		5 112.	. 4.	9.0	4.6	4.75	10.38	.250	6.00	.375	2.64
24.		. 94.	3.	2.1	3.9	4.88	9.38	.250	2.00	.375	2.39
24.1		78.	ř.	2.9	m.	2.06	9.44	.250	2.0	. 438	2.16
21.5	٠.	119.	•	200		5.13	10.30	1620			10.7
24.0	. 0	101	2 3.9	2.0	3.4	5.31	10.56	313		563	1.36
25.6	7	156				7 .	10.00	212		1.06	10.5
26.8				2.0		2 4	8-66	250	9.00	6 3 8	2.16
30.8		126.7	*	6.5		56	10.44	.250	7.00	.438	
27.8		165.7	3	2.9	6.0	.63	12.47	.313	4.00	694.	3.96
30.5	2	106.1	3.	6.2	3.5		9.44	.250	8.00	.438	2.41
29.4	*	170.	;	8.9	5.8	.78	12.41	.313	2.00	904.	3.94
		174.		6.9		. 88	12.53	.313	4.00	.531	3.98
34.2	2	132.	•	6.7	3.9	=	10.44	.250	8.00	.438	5.66
35.5	~	180.	;		•	60.	15.47	.313	2.00	.469	3.96
33.2	~	181.	•	7.1	5.5	6.19	15.41	.313	6.0	904.	3.94
34.9	6	189.	*		5.4	3	12.53	.313	2.00	.531	3.98
36.5	5	192.	•	7.4		• 56	12.47	.313	6.00	.469	3.96
37.0		192.	*	7.4	2.5	. 59	15.41	. 313	7.00	.406	3.94
39.8		202	.5	2.6		46.	12.53	.313	6.00	. 531	3.98
200		502		7:		. 03	12.47	.313	200-	694.	3.90
32.0	٠.	26.9		1.5	2:	7.13	14.47	.375			5.50
1 4		214					19.61				1 94
45.2	0 0	216	2	2.9			12.67	313	00.00	694	3.96
40.6	9	272.	6 5.	8.1		9	14.59	.375	4.00	.594	5.54
41.3	m	217.		7.6	5.3	7.78	12.66	.375	2.00	•656	4.82
43.0	•	283.	5 5.	8.2			14.66	.375	* -00	.656	2.57
43.7	~	282	8 5.5	8.2	6.5	7.91	14.53	.375	2.00	.531	5.52
2.6	٠,	.622	;	2.8			12.93	. 513	0.0	1961	2.30
		306					14.53	.375		.531	2000
	0	- 100			7:0	200	14.00				2000
24.0	0	286					12.61				3.00
2 2 2		3.5					14.50	275		100	
		2002						275			
						•				100	2000
2000	, ,	: .				? '					200
20.9		242	•	9.0	:	?	12.53	. 313	10.00	.531	3.90
26.5	5	58.	•	9.0	2.0	7	14.66	.375	9.00	.656	5.57
9	-	333.	2.	9.1	2.1		14.59	.375	7.8	.594	5.54
60.3	m	335.	-	9.5	2.6	5	14.53	.375	8.00	.531	5.55
54.1	-	407.	1 6.1	9.5	7.5			.438	2.00	.531	7.32
57.6	9	424	1.9 4	4.6	1:4	6	16.59	.438	2.00	.594	7.35

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								:	******	** BEAN	DIMENSIONS		*******	
		-	SECTION	MODOLUS	100						MEB	•	NSE	SHEAR
INAL SI		1	742	ZFL	INFRIIA	œ	d.	YF AF	KEA	DEPTH	THICK	DTH	불	AREA
8x .375/	1965.	8	37.2	65.3	350.2	9.6		4 10	00.	14.59	.375	8.00	.594	5.54
9x .375/	.531T	10	37.1	65.8	349.3	5.5	4.6	=	03	14.53	.375		.531	5.52
6x .438/ .	5317	69	45.5	60.4	433.9	6.1	9.5	2 10	119	16.53	.438		.531	7.32
5x .438/ .	656T	96	45.9	61.0	441.1	6.2	9.6	2 10	.28	16.66	.438	5.00	.656	7.38
. 375/	594T	20	30.7	6.49	5.992	4.0	1.0	1 10	**	12.59	.375		.594	4.79
14X 8X .375/ .	1959	20	37.8	89.69	364.0	5.5	9.6		90	14.66	.375		.656	5.57
. 438/	1465	06	4094	9.49	452.7	6.2	9.8		95	16.59	.438		.594	7.35
•	531T	06	37.6	71.2	362.2	5.5	9.6		95	14.53	.375	10.00	.531	5.52
16X 5X .438/ .7	7197	01	46.6	64.4	457.2	6.2	9.6		. 59	16.72	.438	5.80	.719	7.41
9x .375/ .	1465	11	37.7	71.3	364.6	5.5	1.6	1 10	5	14.59	.375	9.00	.594	5.54
6X .438/ .	656T	37.20	47.2	68.6	470.8	6.2	10.0	7	O	16.66	.438	6.00	.656	7.30
6x .438/ .	5317	37.60	54.1	10.4	572.5	8.9		8.1 11,	0		.438	6.00	.531	8.20
5x .438/	.656F	37.94	54.5	71.0			10.7	11	-		.438	5.00	.656	9.26
	1465	38.05	38.2	77.3	377.8	5.5		9 11	.19	14.59	.375	10.00	.594	5.54
16x 6x .438/ .1	719T	38.45	47.9	72.6	488.1	2.9	10.2	7 11	.31		.438	6.00	.719	7.41
. 438/	1465	38.90	55.1	75.1	596.8	9.9		=	**	.5	.438	6.00	165.	8.22
5x .438/ .	7117	39.00	55.4	24.8	602.0	6.9	10.9		14.		.438	2.00	.719	8.28
8x .438/ .	1965	39.95	48.4	78.2	501.4	2.9	10.4		.75	2	.438	9.00	165.	7.35
9x .438/ .	531T	40.05	48.3	6.82	00	2.9	10.4	6.3 11.	.78	16.53	.438	9.00	.531	7.32
1x .375/ .	1465	40.05	38.6	83.4	389.9	5.5	10.1		.78	.5	.375	11.00	.594	5.54
•	1965	06.04	56.4	85.8	29.	6.9	11.2		.03	.5	.438	7.00	.594	8.22
8x .438/ .	5317	41.24	56.5	94.4	633.1	6.9	11.2		113	18.53	.438	8.00	.531	8.20
. 438/ .	-719T	41.45	57.0	84.1	3	6.9			119	~	.438	6-00	.719	8.28
. 0x .438/ .	5311	41.85	0.64	85.2	519.8	6.2		6.1 12	31	.5	.438	10.00	.531	7.32
9x .438/ .	1465	41.96	49.1	85.1	N	2.9	10.6	6.1 12.34	34	.5	.438		. 594	7.35
.438/	656T	42.40	9.95	86.9	6.549	8.9	11.4		14		.438		9690	8.26
1x .375/ .	656T	45.40	39.1	89.5	0	2.4	10.3		14		.375	11.00	9699	5.57
. 438/ .	5311	43.04	51.5	91.2	5	6.9	11.5		99	.5	.438	9.00	.531	8.20
0x .438/ .	59 4T	44.00	8.64	92.0	3	6.2	10.9	5.9 12.	96		.438	10.00	.594	7.35
.438/	.656T	44.64	58.5	96.5		6.9	11.7	7.1 13	13		.438	8.00	9699	8.26
. 438/	2947	46.00	50.4		2	6.1	11.1	5.7 13.	.53		.438	11.00	.594	7.35
0x -438/	656T	46.10	9.05	98.	9	6.1	11.1	5.7 13	95	9	. 438	10.00	• 656	7.38
. 438/ .	656T	46.85	59.6	. 40	~	6.9	12.0		.78		. 438	9.00	• 656	8.26
.438/	. 594T	46.95	29.4	105.9	714.2	6.9	15.0	-	81	18.59	.438	10.00	165.	8.22
. 438/ .	1611	48.25	51.3	05.	83.	6.1	11.4		119		.438	10.00	.719	7.41
. 438/	656T	48.35	51.2	90	581.6	6.1	11.4	5.5 14.	N		.438	11.00	.656	7.38
. 438/ .	656T	49.10		113.3	741.7	6.9	12.3	-	4		.438	10.00	969.	9.50
. 438/ .	7191	50.69	51.9	113.0	601.4	6.1	11.6	-	91		.438		.719	7.41
. 438/	656T	51.31	61.1	121.6		8.9	12.5	15	60.	٥	.438	11.00	969.	
. 2007 .	625T	52.70	78.6		1026.0	7.8	13.1	15	.50	9.	.500	8-00	.625	10.91
2x .438/ .	656T	53.55	61.7	58.		6.8	12.8	15	.75		.438		.656	2
8x .500/ .	688T	24.40	6.64	2	9	7.8	13.3	8.6 16	.00	51.69	.500		.688	
. 7005. X	750T	56.10	81.1		1099.1	7.9	13.5	8.4 16	.50		.500	9.00	.750	
. 2007 .	6257	56.95	81.3	135.5	0	7.8	13.6	8.2 16	52	21.63	.500	10.00	.629	10.91
. /005. XE	750T	58.65	85.5	142.2	1145.7	7.9	13.9	8.1 17	52		.500	9.00	.750	

.186 IN. PLATE (AREA: 1.54 SU.IN.)

.188 IN. PLATE (AREA= 1.34 SQ.IN.)

NAL SIZE NAL SI									******	*** BEA	DIMENSIONS	Van A	*****	
Mark Size			SECTION	MODUL US							MEB	FLA	NSE	SHEAR
5007 5657 59.90 82.4 44.8 116.4 7.8 14.9 14.1 10 2.1 10 21.0 5.0 10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	ď	YP	4	AREA	DEPTH	THICK	HIDIM	THICK	AREA
5907, 5957 59, 50 83.3 155.0 1105.1 7.9 14.0 10.0 21.75 50 10.0 10.0 0.7591 50.0 51.0 10.0 0.3 1100.1 1100.1 7.0 14.0 14.7 7.2 19.0 21.75 50 10.0 10.0 0.5 10.0 10.0 0.5 10.0 10.0	.5007 .62	60.65	82.4	144.9	1146.3	7.8	13.9	6.2	17.38	21.63	.500	11.00	.625	16.91
5907 7801 64.2 64.2 63.6 14.6 7.8 14.2 7.7 16.0 21.6 9.5 110.0 6.0 6.0 10.0 14.7 7.2 19.0 21.6 9.5 110.0 6.0 6.0 10.0 10.0 6.0 10.0 6.1 10.0 6.0 10.0 6.1 10.0 6.0 10.0 6.0 10.0 10.0 6.0 6.0 10.0 10.0 6.0 6.0 10.0 10.0 6.0 6.0 10.0 10.0 6.0 6.0 10.0 10.0 6.0 10.0 10.0 6.0 6.0 10.0 10.0 6.0 10.0 6.0 10.0 6.0 10.0 6.0 10.0 10.0 6.0 10.0 6.0 10.0 <td>. 5007 . 87</td> <td>59.50</td> <td>83.3</td> <td>144.8</td> <td>1167.1</td> <td>7.9</td> <td>14.0</td> <td>8.1</td> <td>17.50</td> <td>21.88</td> <td>.500</td> <td>00.0</td> <td>.875</td> <td>11.03</td>	. 5007 . 87	59.50	83.3	144.8	1167.1	7.9	14.0	8.1	17.50	21.88	.500	00.0	.875	11.03
5907 6801 68.40 68.77 154.4 1126.5 7.8 14.2 7.7 18.06 21.69 500 13.00 6.60 5907 6817 174.6 1267.2 7.8 14.7 7.2 19.60 21.7 500 7.8 14.7 7.2 19.60 21.7 6.7 19.60 12.00 7.8 14.7 7.2 19.60 21.7 2.7 2.7 5.7 19.00 7.8 19.00 2.7 19.7 2.7<	.5007	61.20	83.8	153.0	1188.1	7.8	14.2	7.8	18.00	21.75	.500	10.00	.750	10.97
5007 7501 66.10 66.11 774.6 1257.5 7.8 14.7 7.2 19.4 21.69 500 12.00 750 5007 7501 66.44 87.1 126.2 7.2 19.00 21.75 500 11.00 750 5007 7501 66.44 87.1 126.2 7.2 19.00 500 11.00 9.00 15.00 10.00	.5007	61.40	83.7	154.4	1188.0	7.8	14.2	7.7	18.06	21.69	.500	11.00	.688	10.94
5907 7501 65 174,6 1264,2 7,0 14,7 7,2 13,6 50 50 12,0 75 14,9 7,2 13,6 50 50 12,0 75 14,0 7,2 14,1 21,75 24,75 60 11,0 775 60 15,0 172,0 8,7 15,1 9,2 22,75 24,75 60 11,0 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 60 75 <td>1005.</td> <td>66.10</td> <td>85.7</td> <td>174.6</td> <td>1257.5</td> <td>7.8</td> <td>14.7</td> <td>7.2</td> <td>19.44</td> <td>21.69</td> <td>.500</td> <td>13.00</td> <td>.688</td> <td>10.94</td>	1005.	66.10	85.7	174.6	1257.5	7.8	14.7	7.2	19.44	21.69	.500	13.00	.688	10.94
500 *575 *64.4 *67.1 *16.2 *1300.9 7.8 *44.9 7.1 *21.75 *4.75 *50.6 *50.0 *	.500/	66.30	86.0	174.8	1264.2	7.8	14.7	7.2	19.50	21.75	.500	12.00	.750	10.97
6257 7501 7535 116.0 176.3 1752.6 8.7 15.4 9.6 21.75 24.75 625 110.0 750 6257 7501 7501 178.0 130.0 1876.0 1876.0 25.2 26.7 18.0 27.0 6257 7501 76.5 119.0 130.0 1876.0 8.7 15.7 9.5 22.6 16.0 9.7 16.7 9.5 22.7 62.7 16.0 9.0 75.0 9.0 17.0 17.0 9.5 22.6 9.0 17.0 9.0 25.1 9.0	.500/	69.44	87.1	162.3	1300.9	7.8	14.9	7.1	20.13	21.88	.500	11.00	.875	11.03
6257, 7501 76.5 118.0 1816.0 8.7 15.4 9.5 22.5 62.5 110.0 750 6257, 7501 77.5 119.6 119.6 9.5 22.5 24.75 625 110.0 875 6257, 7501 127.6 <td>.6251</td> <td>73.95</td> <td>116.0</td> <td>178.3</td> <td>1752.8</td> <td>8.7</td> <td>15.1</td> <td>9.6</td> <td>21.75</td> <td>24.75</td> <td>.625</td> <td>9.00</td> <td>.750</td> <td>15.59</td>	.6251	73.95	116.0	178.3	1752.8	8.7	15.1	9.6	21.75	24.75	.625	9.00	.750	15.59
6257 7501 77.05 119.6 203.0 1876.8 6.7 15.7 9.2 23.5.25 26.77 26.77 26.77 26.77 26.71 6.2 15.9 9.2 23.75 26.40 6.25 10.00 10.00 6257.1.257 6.5 126.2 210.6.9 6.7 16.7 0.4 25.13 25.8 9.00 13.0 25.2 210.6.9 9.7 16.7 0.4 25.13 25.8 9.00 13.0 25.2 210.6.9 9.7 16.7 0.4 25.13 25.2 16.00 0.7 17.0 0.2 25.13 25.2 210.6.9 9.7 17.0 0.2 25.13 25.2 210.6.9 9.7 17.0 0.2 25.13 25.2 210.6.9 9.7 17.0 0.2 25.13 0.2 17.0 0.2 25.13 0.2 25.13 0.2 25.13 0.2 25.13 0.2 25.13 0.2 25.13 0.2 25.13 0.2	1629.	76.50	118.0	190.8	1818.0	8.7	15.4	9.6	22.50	24.75	.625	10.00	.750	15.59
6257 (8757 8) 6175 121.4 2194.7 1927.0 6.6 15.9 9.2 23.75 24.68 6.65 10.00 6.10 7.10 8.10 7.10 8.10 6.10 7.10 8.10 <td>.625/</td> <td>79.05</td> <td>119.8</td> <td>203.0</td> <td>1878.8</td> <td>8.7</td> <td>15.7</td> <td>9.3</td> <td>23.25</td> <td>24.75</td> <td>.625</td> <td>11.00</td> <td>.750</td> <td>15.59</td>	.625/	79.05	119.8	203.0	1878.8	8.7	15.7	9.3	23.25	24.75	.625	11.00	.750	15.59
625/1125T 85.46 125.0 229.2 2104.3 8.0 16.4 8.9 25.13 625 9.0 11.25 9.0 11.25 9.0 11.25 9.0 11.25 9.0 11.25 9.0 11.25 9.0 12.0 9.0 <th< td=""><td>.625/</td><td></td><td>121.4</td><td>209.7</td><td>1927.0</td><td>8.8</td><td>15.9</td><td>9.5</td><td>23.75</td><td>24.88</td><td>.625</td><td>10.00</td><td>.875</td><td>15.67</td></th<>	.625/		121.4	209.7	1927.0	8.8	15.9	9.5	23.75	24.88	.625	10.00	.875	15.67
6257 8751 93.69 126.2 252.2 2100.9 8.7 16.7 6.4 26.36 24.86 .625 13.00 .875 6257 13.00 .875 6257 13.00 130.3 225.2 2106.9 18.7 17.0 8.3 27.35 25.13 .625 11.0 10 .875 6257 13.0 130.3 225.2 21.0 12.0 12.0 12.0 12.0 12.0 12.0 12	1629.		125.0	259.2	2048.3	8.8	16.4	6.9	25.13	25.13	.625	9.00	1.125	15.82
625/ 1875 92.65 127.6 266.4 2162.1 8.7 17.0 8.1 27.25 24.60 625 14.00 .87 6.627/1.1257 96.90 128.1 212.3 8.7 17.0 8.1 27.13 26.13 66.5 11.25 6.627/1.1257 96.90 128.7 26.3 9.0 17.0 10.5 26.13 66.5 12.00 11.25 6.68/1.1257 96.90 128.7 26.63 9.0 17.0 10.5 26.13 66.5 12.0 11.2 6.68/1.1257 96.60 128.9 26.9 9.0 17.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 26.0 10.2 29.0 20.0 10.2 29.0 27.0 26.0 26.0		83.69	126.2	252.2	2108.9	8.7	16.7	9.4	26.38	24.88	.625	13.00	.875	15.67
625/11257 93.09 128.7 265.1 2193.6 8.7 17.0 8.3 27.3 625.13 625 11.00 11.25 625/11257 95.90 130.3 225.7 2256.3 8.7 17.3 8.0 28.13 625 12.0 12.25 625/11257 96.50 160.3 2259.2 8.6 17.4 7.7 29.00 24.38 625 16.00 11.25 680/11257 99.6 160.5 299.2 28.6 17.9 10.2 28.0 28.0 8.6 17.0 8.7 18.2 9.0 20.3 18.2 9.0 18.2 9.0 17.0 8.7 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2 9.0 18.2		92.65	127.6	266.4	2162.1	8.7	17.0	8.1	27.25	24.88	.625	14.00	.875	15.67
625/11257 96.90 130.3 295.7 2258.3 9.7 17.3 0.0 26.513 .625 12.00 1.125 668/1.1257 97.55 160.7 225.9 26.6 17.8 10.2 29.6 16.6 12.0 12.0 12.5 16.0 16.		93.09	128.7	265.1	2193.8	8.7	17.0	8.3	27.38	25.13	.625	11.00	1.125	15.82
688/1.1257 97.55 160.7 272.9 2863.7 9.6 17.8 10.5 28.63 3.68 9.00 1.125 68.5 .6757 .686 .675 .686 .675 .686 .675 .686 .675 .686 .675 .686 .675 .686 .675 .686 .686 .686 .675 .686 .686 .686 .686 .686 .675 .686 .675 .686 .675 .686 .675 .686 .675 .676 .686 .786 .686 .786 .686 .786 .686 .786 .686 .786 .686 .786 .876 .875 .876	24X12X .625/1.125T	96.90	130.3	292.7	2258.3	8.7	17.3	8.0	28.50	25.13	.625	12.00	1.125	15.82
625/ .8751 98.60 129.9 294.3 2259.2 8.6 17.4 77.29.00 24.88 .625 16.00 .888 12.00 .888 688/ .8751 93.80 160.5 293.0 2874.6 9.7 17.9 10.2 29.06 27.86 .688 12.00 .875 688/ .8751 165.1 165.8 313.5 2976.6 9.8 10.5 30.9 20.9 10.7 10.8 9.8 30.9 20.8 10.8		97.55	160.7	272.9	2863.7	9.6	17.8	10.5	58.69	28.13	.688	9.00	1.125	19.48
668/ 8751 99.80 160.5 293.0 2574.6 9.7 17.9 10.2 29.96 -668 -668 12.00 -675 668/ 8751 101.80 165.5 298.9 2955.0 9.7 18.2 9.9 29.9 27.86 -668 13.00 -875 668/ 1.1257 116.65 171.9 216.5 333.0 9.6 18.5 30.34 27.86 18.0 36.7 18.2 668/1.1257 116.65 173.4 373.0 9.7 19.4 18.5 36.13 -66.1 18.0 36.1 18.0 -75.0 11.0 18.2 36.1 36.1 18.2 36.1 18.2 36.1 36.2 41.0 18.2 36.1 36.1 41.2 41.0 18.2 42.1<		98.50	129.9	294.3	2259.2	9.6	17.4	7.7	29.00	24.38	. 625	16.00	.875	15.67
688/1-1257 101.80 162.5 296.9 295.0 9.7 18.2 9.9 29.9 4.0 6.0 18.0 .686 13.00 .875 **568/1-1257 105.2 313.5 3170.6 9.8 18.5 9.8 30.34 20.34 18.5 30.38 750.8 13.00 .875 ***568/1-1257 116.5 17.1 373.0 9.7 19.4 0.9 34.31 26.13 .68 14.0 1.125 ***568/1-1257 116.5 20.0 37.1 10.7 19.4 0.9 34.31 26.13 .68 14.0 1.125 ***568/1-1257 116.6 37.0 10.7 20.4 10.7 36.13 .68 15.00 1.125 ***568/1-1257 120.4 10.7 20.4 10.7 20.4 10.7 36.13 .68 15.00 1.125 ***568/1-1257 120.4 10.7 20.4 10.7 36.5 20.13 .68 15.00 1.1		99.80	160.5	293.0	2874.6	4.6	17.9	10.2	29.06	27.88	.688	12.00	.075	19.31
608/1.1257 105.20 165.8 313.5 3070.6 9.8 18.5 9.8 30.94 28.13 .688 11.00 .125 6780/1.1257 115.19 205.0 350.3 4017.1 10.7 19.6 11.5 33.88 37.03 10.7 10.7 19.6 11.5 33.88 75.0 13.00 .875 688/1.1257 116.59 173.6 40.67.7 40.69.1 10.7 20.13 40.69 11.00 11.25 .750/1.1257 126.50 211.9 340.2 4296.9 10.7 20.4 11.0 34.13 .750 11.00 11.25 .750/1.1257 126.10 211.9 403.1 401.7 20.4 10.7 36.0 37.13 .750 11.25 .750/1.1257 126.10 211.8 403.1 40.6 10.7 20.4 10.7 30.8 30.8 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1		101.80	162.5	298.9	2955.0	1.6	18.2	6	56.62	27.88	.688	13.00	.875	19.31
750/ .0757 115.19 205.0 350.3 4017.1 10.7 19.6 11.5 33.08 30.86 .750 13.00 .0875 .686/1.1257 116.65 177.8 373.0 9.7 19.4 0.9 34.31 .68.0 14.6 14.6 15.0 14.2 .68.0 15.0 14.0 .68.0 15.3 .68.0 15.0 15.0 14.0 .68.0 .75.0 .12.5 <td></td> <td>105.20</td> <td>165.8</td> <td>313.5</td> <td>3070.6</td> <td>9.8</td> <td>18.5</td> <td></td> <td>30.94</td> <td>28.13</td> <td>.688</td> <td>11-00</td> <td>1.125</td> <td>19.48</td>		105.20	165.8	313.5	3070.6	9.8	18.5		30.94	28.13	.688	11-00	1.125	19.48
688/1.1257 116.65 171.8 373.0 3330.9 9.7 19.4 0.9 34.31 26.13 .668 14.00 1.125 750/1.1257 118.59 209.0 356.7 4169.1 10.7 19.9 11.4 34.85 31.13 .750 11.00 1.125 750/1.1257 122.40 211.9 30.7 20.4 10.7 20.4 20.13 .750 15.00 1.125 .750/1.1257 122.40 211.8 403.1 4314.2 10.7 20.4 10.7 36.50 30.88 .750 15.00 .750/1.1257 124.10 211.8 403.1 4529.9 10.7 20.4 10.7 36.50 30.88 .750 16.00 1.125 .750/1.1257 136.00 237.7 466.9 10.7 20.9 10.4 38.25 31.3 .750 16.00 1.125 .875/1.1257 144.94 461.8 600.8 11.7 21.9 42.3 42.3 40.8<		115.19	205.0	350.3	4017.1	10.7	19.6	2	33.88	30.88	.750	13.00	.875	23.30
750/1-1257 118.59 209.0 366.7 4169.1 10.7 19.9 11.4 34.89 31.13 .750 11.00 1.125 .688/1-1257 120.50 173.4 393.2 3407.7 9.6 19.7 8.7 35.44 28.13 .750 11.25 10.7 10.4 10.7 36.90 31.13 .750 12.5 10.00 13.125 .750 10.7 20.4 10.7 36.50 28.13 .750 10.00 13.125 .750 10.7 20.4 10.7 36.50 28.13 .750 16.00 13.25 .750 10.00 13.25 .750 16.00 10.125 .750		116.65	171.8	373.0	3330.9	1.6	19.4	6.9	34.31	28.13	.688	14.00	1.125	19.48
.688/1.1257 120.50 173.4 333.2 3407.7 3.6 19.7 8.7 35.44 20.13 .688 15.00 1.125 .750/1.1257 122.40 211.9 389.2 4296.9 10.7 20.3 11.0 36.00 31.13 .750 12.00 1.125 .750/1.1257 124.10 211.8 403.1 4314.2 10.7 20.4 10.7 36.50 20.13 .688 16.00 1.125 .668/1.1257 124.0 412.5 3479.1 9.6 19.9 10.4 36.56 20.13 .688 16.00 1.125 .668/1.1257 124.0 433.7 466.3 461.0 10.7 19.9 11.7 40.00 31.38 .875 10.00 1.125 .875/1.1257 144.9 461.8 6010.8 11.7 21.6 42.3 34.3 .875 10.00 1.375 .875/1.1257 144.9 461.8 6010.8 11.7 21.6 42.3 34.		118.59	209.0	366.7	4169.1	10.7	19.9	11.4	34.88	31.13	.750	11.00	1.125	23.49
750/1-1257 122.40 211.9 389.2 4296.9 10.7 20.3 11.0 36.00 31.13 .750 12.00 1.125 .750/1-1257 124.10 211.8 403.1 4314.2 10.7 20.4 10.7 36.50 30.88 .750 16.00 .875 .668/1-1257 124.10 217.0 412.5 3479.1 9.6 19.9 0.4 36.56 28.13 .688 16.00 1.125 .875/1-1257 136.00 237.7 406.3 4734.0 10.7 19.9 11.4 40.00 11.25 .875/1-1257 144.09 276.3 461.8 610.6.8 11.7 21.6 12.9 42.83 34.13 .875 10.00 1.125 .875/1-1257 144.9 461.8 610.8.8 11.7 21.6 42.75 37.3 .875 10.00 1.125 .875/1-1257 149.50 283.2 493.2 12.5 22.4 14.9 42.75 37.3 <t< td=""><td></td><td>120.50</td><td>173.4</td><td>393.2</td><td>3407.7</td><td>9.6</td><td>19.7</td><td>8.7</td><td>35.44</td><td>28.13</td><td>.688</td><td>15.00</td><td>1.125</td><td>19.48</td></t<>		120.50	173.4	393.2	3407.7	9.6	19.7	8.7	35.44	28.13	.688	15.00	1.125	19.48
.7507.877 124.10 211.8 403.1 4314.2 10.7 20.4 10.7 36.50 30.86 .750 16.00 .875 .66811.25 .66811.25 .66811.25 .66811.25 .66811.25 .66811.25 .66811.25 .66811.25 .66811.25 .750 14.00 1.125 .750 .750 .750 .750 .750 .750 .750 .75		122.40	211.9	389.2	4596.9	10.7	20.3	11.0	36.00	31.13	.750	12.00	1.125	23.49
688/1-1257 124.30 175.0 412.5 3479.1 9.6 19.9 0.4 36.56 20.13 .600 16.00 1.125 .750/1.1257 130.05 217.0 433.7 4529.9 10.7 20.9 11.4 30.25 31.13 .750 14.00 1.125 .875/1.1257 136.00 237.7 460.9 5928.0 11.6 21.5 12.9 42.38 34.13 .875 12.00 1.125 .875/1.1257 144.94 276.3 461.8 6008.8 11.7 21.6 13.0 42.63 34.33 .875 10.00 1.125 .875/1.1257 149.60 283.2 494.3.2 12.5 22.4 14.9 42.75 37.13 .875 10.00 1.125 .875/1.1257 149.60 283.2 494.3.2 12.5 22.4 14.9 42.75 37.13 .875 10.00 1.125 .875/1.1257 151.74 283.5 599.7 6252.3 11.7		124.10	211.8	403.1	4314.2	10.7	50.4	10.7	36.50	30.88	.750	16.00	.875	23.30
750/1.125T 130.05 217.0 433.7 4529.9 10.7 20.9 10.4 38.25 31.13 .750 14.00 1.125 875/1.375T 136.00 237.7 406.3 4734.0 10.7 19.9 11.7 40.00 31.36 .875 10.00 1.375 875/1.125T 144.94 276.8 461.6 60108.8 11.7 21.6 13.9 42.55 34.33 .875 10.00 1.125 .875/1.125T 145.9 464.5 6943.2 12.6 22.4 14.9 42.75 37.13 .875 10.00 1.125 .875/1.125T 149.60 283.2 491.7 6211.6 11.7 22.9 44.66 37.33 .875 11.00 1.375 .875/1.125T 151.74 283.5 509.7 6252.3 11.7 22.1 12.3 44.65 37.50 18.50 14.00 1.375 .875/1.375T 17.7 283.6 14.0 42.33 44.65		124.30	175.0	412.5	3479.1	9.6	19.9	9.4	36.56	28.13	.688	16.00	1.125	19.48
.875/1.3757 136.00 237.7 406.3 4734.0 10.7 19.9 11.7 40.00 31.36 .875 10.00 1.375 .875/1.3757 144.09 276.3 460.9 5928.8 11.6 21.5 12.9 42.38 34.13 .875 12.00 1.125 .875/1.3757 144.94 278.8 461.8 6008.8 11.7 21.6 13.0 42.63 34.38 .875 10.00 1.375 .875/1.257 145.35 310.4 464.5 6943.2 12.5 22.4 14.9 42.75 37.13 .875 10.00 1.375 .875/1.3757 149.50 283.2 491.7 6211.6 11.7 21.9 12.6 44.00 34.38 .875 11.00 1.375 .875/1.257 151.74 283.5 593.7 6252.3 11.7 22.1 12.3 44.63 34.13 .875 14.00 1.325 .875/1.507 151.74 283.5 547.6 7734.1 12.7 22.6 14.0 46.50 37.50 .875 14.00 1.375 .875/1.3757 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.38 .875 14.00 1.375 .875/1.5007 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00 1.5500		130.05	217.0	433.7	4529.9	10.7	50.9	10.4	38.25	31.13	.750	14.00	1.125	23.49
.875/1.1257 144.09 276.3 460.9 5928.8 11.6 21.5 12.9 42.38 34.13 .875 12.00 1.125		136.00	237.7	406.3	4734.0	10.7	19.9	11.7	40.00	31.38	.875	10.00	1.375	27.62
.875/1.375T 144.94 278.8 461.8 6008.8 11.7 21.6 13.0 42.63 34.36 .875 10.00 1.375 .875/1.257 145.35 310.4 464.5 6943.2 12.5 22.4 14.9 42.75 37.13 .875 10.00 1.125 .875/1.257 149.50 283.2 491.7 6211.6 11.7 21.9 12.6 44.00 34.38 .875 11.00 1.375 .875/1.010 158.10 328.2 591.7 6252.3 11.7 22.1 12.3 44.63 34.13 .875 14.00 1.125 .875/1.010 158.10 328.2 547.6 7734.1 12.7 23.6 14.1 46.50 37.50 .875 10.00 1.125 .875/1.501 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.38 .875 14.00 1.375 .875/1.501 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00 1.500		144:03	276.3	460.9	5928.8	11.6	21.5	15.9	45.38	34.13	.875	12.00	1.125	30.03
.875/1.1257 145.35 310.4 464.5 6943.2 12.5 22.4 14.9 42.75 37.13 .875 10.00 .875/1.3757 149.50 283.2 491.7 6211.6 11.7 21.9 12.6 44.00 34.38 .875 11.00 .875/1.1257 151.74 283.5 519.7 6252.3 11.7 22.1 12.3 44.63 34.13 .875 11.00 .875/1.3757 158.10 328.2 547.6 7734.1 12.7 23.6 14.1 46.50 37.50 .875 10.00 .875/1.3757 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.36 .875 14.00 .875/1.5007 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00		144.94	278.8	461.8	6000.8	11.7	21.6	13.0	45.63	34.38	.875	10.00	1.375	30.25
.875/1.3757 149.50 283.2 491.7 6211.6 11.7 21.9 12.6 44.00 34.38 .875 11.00 .875/1.1257 151.74 283.5 509.7 6252.3 11.7 22.1 12.3 44.63 34.13 .875 14.00 .875/1.5077 158.10 320.2 547.6 7734.1 12.7 23.6 14.1 46.50 37.50 .875 10.00 .875/1.5007 183.60 350.6 722.3 8895.3 12.7 24.6 12.3 54.00 37.50 .875 15.00		145.35	310.4	464.5	6943.2	12.5	22.4	14.9	42.75	37.13	.875	10.00	1-125	32.65
.875/1.125T 151.74 283.5 509.7 6252.3 11.7 22.1 12.3 44.63 34.13 .875 14.00 .875/1.500T 158.10 328.2 547.6 7734.1 12.7 23.6 14.1 46.50 37.50 .875 10.00 .875/1.375T 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.38 .875 14.00 .875/1.500T 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00	.875/1.37	149.	283.2	491.7	6211.6	11.7	51.9	12.6	44.00	34.38	.875	11.00	1.375	30.25
.875/1.500T 158.10 328.2 547.6 7734.1 12.7 23.6 14.1 46.50 37.50 .875 10.00 .875/1.375T 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.38 .875 14.00 .875/1.500T 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00		151.74	283.5	2.605	6252.3	11.7	22.1	12.3	44.63	34.13	.875	14.00	1.125	30.03
.875/1.3757 172.55 341.2 649.6 8403.2 12.7 24.6 12.9 50.75 37.36 .875 14.00 .875/1.5007 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00	.875/1.50	158.	328.2	547.6	7734.1	12.7	23.6	14.1	46.50	37.50	.875	10-00	1.500	32.98
.875/1.500T 183.60 350.6 722.3 8895.3 12.7 25.4 12.3 54.00 37.50 .875 15.00	.875/1.37	172.	341.2	9.649	8403.2	15.7	54.6	12.9	50.75	37.38	.875	14-00	1.375	32.87
	.875/1.50		350.6	722.3	8895.3	12.7	25.4	12.3	54.00	37.50	.875	15.00	1.500	32.98

0.1875 - 3/16 in.

1.2	DULUS ZFL INERTIA 1.5 3.9 2.1 7.0 2.1 5.0	SECTION MODE
1.2		
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		SECTION	ALL HOOM							MES	FI ANGE	NGF	CHEAD
=	FT	ZPL	ZFL	INERTIA	~	4P	YE	AREA	DEPTH	THICK	HIDIH	THICK	AREA
15.	.74	18.0	25.2	86.1	3.7	4.8	3.9	4.63	8.44	.250	6.00	.438	2.16
15	.95	22.9	24.9	127.3	4.4	5.5	5.1	4.69	10.44	.250	5.00	. 638	2.66
16	-	22.9	25.5	128.1	4.4	5.6	5.0	4.75	10.38	.250	6.00	.375	2.65
16	5	20.6	25.4	109.2	4.0	5.3	4.3	4.88	9.38	.250	7.00	.375	2.40
17	.20	18.3	25.1	91.5	3.6	5.0	3.7		9.44	.250	7.00	.438	2.16
17	***	23.3	28.7	136.4	4.4	5.8	4.8	5.13	10.38	.250	7.00	.375	2.65
1.8	0	21.0	28.6	116.9	4.0	5.6			9.44	.250	7.00	.438	2.41
H	~	24.3	26.0	135.4	4.3	2.6	2.5	5.38	10.56	.313	4.00	.563	3.37
18	0	28.9	8.92	175.5	6.4	6.1	6.9		12.41	.313	4.00	904.	3.95
=	-		28.0	96.4	3.6	5.5	3.4	5.50	8.44	.250	8.00	.438	2.16
=	06.1	23.8	32.1	145.7	4.4	6.1	4.5	9.56	10.44	.250	7.00	.438	2.66
-	1.14	29.5	29.1	185.8	5.0	6.3	4.9	5.63	12.47	. 313	4.00	694.	3.97
-	3.55	21.2	31.8	123.0	4.0	5.8	3.9	5.75	9.44	.250	00-9	.430	2.41
-	1.65	29.7	30.7	190.8	5.0	4.9	6.2	5.78	12.41	.313	5.00	904.	3.95
-	66.6	30.1	31.4	195.9	5.0	6.5	6.2	5.88	12.53	.313	4.00	.531	3.99
2	04.	24.1	35.7	153.3	4.4	4.9	6.3	6.00	10.44	.250	00.9	.438	2.66
2	1.71	30.4	33.6	202.5	5.1	6.7	6.0	6.09	12.47	.313	5.00	694.	3.97
2	1.05	30.5	34.6	204.7	5.1	6.7	5.9	6.13	12.41	.313	6.00	904.	3.95
2	1.79	31.0	36.5	213.6	5.1	6.9	6.5	6.41	12.53	.313	5.00	.531	3.99
2	2.30	31.1	38.1	217.3	5.1	7.0	5.7	99.9	12.47	.313	6.00	694.	3.97
2	2.41	31.1	38.6	217.4	5.1	7.0	5.6	6.59	12.41	.313	7.00	984.	3.95
~	3.60	31.7	41.5	25622	5.1	7.2	5.5	5.34	12.53	.313	6.00	.531	3.99
~	3.90	31.7	42.6	230.7	5.1	7.3	5.4	7.03	12.47	.313	7.00	694.	3.97
~	4.24	37.8	37.3	275.8	9.6	7.3	1.4	7.13	14.47	.375	4.00	694.	5.51
~	2.09	38.6	39.8	289.2		1.5	7.3	7.38	14.53	.375	4.00	.531	5.53
~	-	32.3	46.6	243.0	5.1	7.5	2.5	7.47	12.53	.313	7.00	.531	3.99
~	5.50	35.2	47.1	242.6	5.1	7.5	2.5	7.50	12.47	.313	00.0	694.	3.97
~	-	39.3	45.4	302.1	2.5	7.7	7.1	7.63	14.59	.375	4.00	165.	5.55
~	-	33.7	43.1	243.8	2.0	7.2	2.1	7.78	12.66	.375	2.00	.656	4.83
	-	0.04	44.9	314.6	2.1	1.9		7.88	14.66	.375	4.00	969.	5.58
	68.9	39.9	45.6	313.8	2.1	6.2		7.91	14.53	.375	2.00	.531	5.53
		32.7	51.6	255.4	5.1	7.8	4.9	9.00	12.53	.313	8.00	.531	3.99
~		40.9	51.5	336.0	2.1	8.2			14.53	.375	6.00	.531	5.53
~		41.3	52.0	345.1	2.1	8.3	9.9	8.53	14.66	.375	2.00	9690	5.58
~		6.04	9.25	338.2	2.1	8.3	4.9	8.53	14.47	.375	2.00	694.	5.51
~		33.1	56.5	566.4	5.1	8.0	4:1	8.53	12.53	.313	9.00	.531	3.99
~	9.95	41.6	55.3	351.5	2.0	8.4	4.9	8.81	14.59	.375	6.00	.594	5.55
m		41.7	57.1	355.7	2.1	8.5	6.2		14.53	.375	2.00	.531	5.53
		41.7	57.7	355.3	2.1	8.5	6.2	9.00	14.47	.375	9.00	694.	5.51
~,		33.5	61.5	276.3	2.0	6.3	4.5	90.6	12.53	.313	16.00	.531	3.99
-,		42.3	58.9	366.2	2.8	8.7	6.2	9.19	14.66	.375	6-00	.656	5.58
-,	11.99	45.4		372.1	5.8	8.8	0.0	9.41	14.59	.375	7.00	.594	5.55
		45.4	65.9	373.7	2.1	8.8	6.5	9.50	14.53	.375	0.00	.531	5.53
		50.4	56.4	445.0	6.3			99 0	12 21	424			
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.219 IN. PLATE (AREA= 1.62 SQ.IN.)

	·	SECTION	MODULUS	•							FLA	FLANGE	SHEAR
-	/FT	ZPL	ZFL	INERTIA	~	YP	YF	AREA	DEPTH	THICK	HIDIM	THICK	AREA
5		91.0	149.7	1236.9	8.0	13.6	8.3	17.38	21.63	.500	11.00	.625	10.92
5	9.50	92.0	149.7	1259.1	8.1	13.7	8.4	17.50	21.88	.500	8-00	.875	11.05
9		95.5	158.1	1282.3	0.0	13.9	9.1	18.00	21.75	.500	10.00	.750	10.98
9		95.4	159.6	1282.4	8.0	13.9	8.0	18.06	21.69	.500	11-00	.688	10.95
9	6.10	5.46	180.3	1358.7	0.0	14.4	7.5	19.44	21.69	.500	13.00	.688	10.95
9	6.30	9.46	180.6	1365.9	8.0	14.4	7.6	19.50	21.75	.500	12-00	.750	10.98
9	9.44	96.1	168.4	1405.8	9.0	14.6	1.5	20.13	21.88	.500	11.00	.875	11.05
-	3.95	125.5	183.4	1860.3	8.9	14.8	10.1	21.75	24.75	.625	9.00	.750	15.61
1	6.50	127.5	196.2	1930.0	6.9	15.1	9.8	22.50	24.75	.625	10-00	.750	15.61
-	9.05	129.4	208.7	1994.8	6.9	15.4	9.6	23.25	24.75	.625	11-00	.750	15.61
		131.1	215.7	2046.1	6.0	15.6	9.5	23.75	24.88	.625	10.00	.875	15.69
	5.44	134.9	235.7	2175.1	9.0	16.1	9.2	25.13	25.13	.625	9-00	1.125	15.84
	9.69	136.2	259.2	2240.9	6.9	16.5	9.0	26.38	24.88	.625	13.00	.875	15.69
92	2.65	137.6	273.7	2298.1	8.9	16.7	8.4	27.25	24.88	.625	14-00	.875	15.69
6	3.09	138.8	272.4	2331.2	8.9	16.8	9.6	27.38	25.13	. 625	11.00	1.125	15.84
96	9.90	140.5	230.5	2400.5	6.9	17.1	8.3	28.50	25.13	.625	12.00	1-125	15.84
6	7.55	171.5	279.7	3014.2	6.6	17.6	10.8	58.69	28.13	.688	9.00	1.125	19.50
98	8.60	140.1	302.2	2402.5	8.8	17.1	7.9	29.00	24.88	.625	16.00	.875	15.69
6	9.80	171.4	289.9	3026.5	6.6	17.7	10.4	29.06	27.88	.688	12.00	. 875	19.33
5	1.80	173.5	306.2	3111.7	6.6	17.9	10.2	59.94	27.88	.688	13.00	.875	19.33
0	5.20	176.9	321.1	3233.3	6.6	18.3	10.1	30.94	28.13	.688	11.00	1-1,25	19.50
115	5.19	216.9	357.9	4199.5	10.8	19.4	11.7	33.88	30.88	.750	13-00	.875	23.32
116		183.2	381.9	3509.5	6.6	19.5	9.5	34.31	28.13	.688	14.00	1.125	19.50
118	8.59	221.0	374.7	4358.2	10.9	19.7	11.6	34.88	31.13	.750	11-00	1.125	23.51
120	0.50	184.9	402.5	3591.2	9.8	19.4	6.9	35.44	28.13	.688	15.00	1-125	19.50
122	2.40	224.0	397.6	4.3644	10.9	20.1	11.3	36.00	31.13	.750	12.00	1.125	23.51
15		224.0	411.7	4511.4	10.9	20.1	11.0	36.50	30.88	.750	16.00	.875	23.32
121	4.30	186.5	422.3	3667.1	9.6	19.7	8.7	36.56	28.13	.688	16.00	1.125	19.50
130		229.4	442.9	4737.2	10.9	20.7	10.7	38.25	31.13	.750	14.00	1.125	23.51
3	00 .9	249.7	414.3	4922.8	10.8	19.7	11.9	40.00	31.38	.875	10-00	1.375	27.65
1		289.3	4.694	6148.1	11.0	21.3	13.1	42.38	34.13	.875	12.00	1.125	30.08
4	46.4	291.8	470.3	6230.2	11.8	21.4	13.2	42.63	34.38	.875	10.00	1.375	30.27
145	5.35	324.1	472.8	7181.7	12.7	25.2	15.2	45.75	37.13	.875	10.00	1-125	32.68
4		296.3	2.005	6.0449	11.9	21.7	12.9	44.00	34.38	.875	11.00	1.375	30.27
151	1.74	296.7	518.9	6484.1	11.6	21.9	12.5	44.63	34.13	.875	14.00	1.125	30.08
2	8.10	342.4	557.0	6.8662	12.9	23.4	14.4	46.50	37.50	.875	10.00	1.500	33.00
172		355.7	4.099	8692.8	12.9	24.4	13.2	50.75	37.38	.875	14.00	1.375	32.90
	3.60	365.4	734.2	92026	12.8	25.5	15.5	24.00	37.50	.875	15.00	1.500	33-00

0.2188 - 7/32 in.

Z		
0.0	INE	
100	2.9	1 22.9
145	5.8	8 25.8
14.	4.9	3 26.4
153	6.3	26.3
100	25.9 104	6.6
12		20.6
151	7.0	27.0
10	7.8	27.8
110.	8.9	8.9
•	2	33.2
2	2	30.2
140.	32.9 1	32.9
2	6	31.9
217.	9	32.6
17	6	36.9
225.	6	34.9
227	6	35.9
238.	•	1 37.9
245.		8 39.5
242		0.04 8.
256.	1	5 43.1
256	2	2.44.5
303		
27	• •	41.4
272	48.8	9 9
332	_	44.1
270.		8.44
346.	9.	9.94
346.	3	4.7.4
287	2	53.5
371	•	53.4
378.		.8 54.0
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300.	9.	58.6
386.	3	57.4 3
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0.2500 - 1/4 in.

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.250 IN. PLATE (AREA= 2.38 SQ.IN.)

THAL SIZE 10.0 10.0 15% 6 13% 0 8.2 13.2 8.6 17.50 22.6 9 11.0 10.0 15% 6 13% 0 12.0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 13% 0 10.0 15% 6 10.0 10.0 15% 6 10.0 10.0 15% 6 10.0 10.0 10.0 10.0 15% 6 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10	NAL SIZE NI FOR SCRING COLORS NI FOR SCRIN										SEAN				
Name	Mail			SECTION	MODOLOS	-						MED	1	NOE	SHEAK
5007	5007 6557 59.50 100.9 100.9 154.6 1359.6 0.2 13.2 0.6 17.30 21.63 5.60 1.60 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	INAL SIZE		ZPL	ZFL	NERTI	~	4	4	AREA	DEPTH	THICK	HIDIM	THICK	AREA
5007, 5007 6175 61.20 101.9 16.6 1359, 6 0.3 13.3 0.9 17.5 510 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	5007, 5507 61.20 102.9 102.9 155.5 0.3 13.5 0.9 17.5 0.5 12.80 21.7 5 550 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	.5007	53	100.9	154.6	336.	8.2	13.2		17.38	21.63	.500	11.00	.625	10.94
500 500 <td>5007 7501 61.20 102.5 16.3.3 195.5 0.2 13.5 0.4 10.05 21.69 550 110.0 10.00 110.0 10.00 110.0 10.00 110.0 10.00 110.0 10.00 110.0 11</td> <td>.5007</td> <td>59</td> <td>101.9</td> <td>154.6</td> <td>1359.6</td> <td>8.3</td> <td>13.3</td> <td></td> <td>17.50</td> <td>21.88</td> <td>.500</td> <td>00-9</td> <td>.875</td> <td>11.07</td>	5007 7501 61.20 102.5 16.3.3 195.5 0.2 13.5 0.4 10.05 21.69 550 110.0 10.00 110.0 10.00 110.0 10.00 110.0 10.00 110.0 10.00 110.0 11	.5007	59	101.9	154.6	1359.6	8.3	13.3		17.50	21.88	.500	00-9	.875	11.07
\$507, 6881 66.40 104.7 106.1 135.6 0.2 13.5 0.4 19.06 21.69 550 13.00 .600 15.	5007 5001 6801 68.40 112.4 164.7 1355.6 0.2 13.5 0.4 116.9 500 13.00 500 5007 6801 66.40 105.0 166.7 166.7 167.0	1005.		102.5	163.3	1385.5	8.2	13.5		10.00	21.75	.500	10.00	.750	11.00
5007, 7501 66310 104,7 106,4 1470,0 0.2 144,1 79 19,44 27.69 5500 112.00 .500 .500 .500 .500 .500 .500 .500	\$500. *5681 66.10 116.7 166.1 14776 0 8.2 14.1 7.9 1954 15.69 500 12.00 .560 15.00 .560 15.00 .560 15.00 .560 15.00 .560 15.00 .570 15.00 .570 15.00 15.0 106.4 166.3 194.5 1512.2 8.2 14.3 7.6 20.13 21.86 .500 11.00 .875 15.2 6.25 .750 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	.500/	61	102.4	164.7	1385.8	8.2	13.5	8.4	18.06	21.69	.500	11-00	.688	10.97
5007. 37571 66.49 105.0 <th< td=""><td>507/ 5751</td><td>1005.</td><td>99</td><td>104.7</td><td>186.1</td><td>1470.0</td><td>8.2</td><td>14.0</td><td>1.9</td><td></td><td>21.69</td><td>.500</td><td>13.00</td><td>.688</td><td>10.97</td></th<>	507/ 5751	1005.	99	104.7	186.1	1470.0	8.2	14.0	1.9		21.69	.500	13.00	.688	10.97
557 68,44 106,3 194,4 106,3 194,5 1951,2 9.1 14,5 10,5 21,75 24,75 625 100 4750 6257 7501 7501 136,3 194,6 197,0 9.1 14,6 10,5 21,75 625 1000 4750 6257 7501 7501 196,3 197,2 21,75 9.2 15,8 9.6 24,75 625 10,00 4750 6257 7501 7501 19,8 23,75 9.1 15,1 9.6 26,75 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 625 10,00 <t< td=""><td>5007 68 44 106 3 194, 5 1521.2 6.2 14.5 10.5 21.75 24.75 6.25 6.20 9.0 11.45 10.5 21.75 24.75 6.25 10.00 750 6.25</td></t<> <td>.500/</td> <td></td> <td>105.0</td> <td>186.4</td> <td>1477.6</td> <td>8.2</td> <td>14.1</td> <td>6.2</td> <td></td> <td>21.75</td> <td>.500</td> <td>12.00</td> <td>.750</td> <td>11.00</td>	5007 68 44 106 3 194, 5 1521.2 6.2 14.5 10.5 21.75 24.75 6.25 6.20 9.0 11.45 10.5 21.75 24.75 6.25 10.00 750 6.25	.500/		105.0	186.4	1477.6	8.2	14.1	6.2		21.75	.500	12.00	.750	11.00
6257 7501 73.95 186.3 198.8 1979.0 9.1 14.5 10.5 22.57 24.75 625 9.00 750 1625 750 170.5 20.75 140.5 20.19 20.53 7 9.1 14.6 10.2 22.50 24.75 6.625 11.00 750 1625 7 750 170.5 20.19 20.5 20.1 15.1 9.0 23.55 24.75 6.625 11.00 750 170.5 140.5 22.1 2 22.1 2 22.1 2 23.75 24.1 8 6.25 11.00 750 11.25 12.5 12.5 12.5 12.5 12.1 2 23.75 24.1 8 6.25 11.00 750 11.25 12.5 12.5 12.5 12.5 12.5 12.5 12.	6257, 7501 73.95 185.3 183.8 1979.0 9.1 14.5 10.5 22.77 24.75 6.25 9.00 750 16.05 6.25 11.00 750 16.25 7.75 17 79.05 140.5 21.1.7 2123.2 9.1 15.1 9.0 23.75 24.75 6.25 11.00 750 16.25 7.75 14.05 21.1.7 21.1.7 21.1.7 21.1.1 9.1 15.1 9.0 23.75 24.75 6.25 11.00 750 16.25 7.25 7.2 9.1 15.1 9.0 23.75 24.75 6.25 11.00 750 16.25 7.25 7.2 9.1 15.1 9.0 23.75 24.10 6.25 11.00 750 16.25 7.25 7.25 7.2 9.1 15.2 9.0 23.75 24.00 6.25 11.00 7.25 7.25 7.2 9.1 15.2 9.0 23.75 24.00 6.25 11.00 7.25 7.25 7.2 9.1 15.2 9.0 25.13 6.25 11.00 7.25 7.25 7.2 9.1 15.2 9.0 25.13 6.25 11.00 7.25 7.2 9.0 12.2 9.0 12.2 9.0 12.2 1.2 9.1 15.2 9.0 27.25 24.00 6.25 11.00 7.25 7.2 9.0 12.0 12.2 9.0	1005.		106.3	194.5	1521.2	8.2	14.3		20.13	21.88	.500	11.00	.875	11.07
6257 8701 76.50 138.5 2011.9 2053.7 9.1 14.6 10.2 22.50 24.75 6.65 110.00 8.750 16.55 13.65 8.65 110.00 8.750 16.55 140.5 214.7 2123.2 9.1 15.3 9.6 23.75 24.75 6.25 110.00 8.750 16.50 16.50	625/ 7501 76.50 138.5 201.9 2253.7 9.1 14.0 10.2 22.50 24.75 625 10.00 750 15.50 15.51 10.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.52 15.00 750 15.50	.625/	73	136.3	198.8	1979.0	9.1	14.5	.5	21.75	24.75	.625	9-00	.750	15.63
6257	6257 8751 79 05 140.5 214.7 2123.2 9.1 15.1 9.9 23.25 24.7 6.65 11.00 8.75 16.55 16.50 16.	.625/	7.	138.5	201.9	2053.7	9.1	14.8	2.	22.50	24.75	.625	10.00	.750	15.63
6257 6757 60.75 142.2 221.8 2177.9 9.1 15.3 9.8 23.75 24.86 6.65 10.00 675 15. 655 15.	6257.1257 86.47 146.3 221.6 2177.9 9.1 15.3 9.6 23.75 24.88 .625 19.01 1.25 16.25 19.61 1.25 16.25 19.61 1.25 16.25 19.61 1.25 16.25 19.61 1.25 16.25 19.61 1.25 16.25 19.61 1.25 16.25 19.61 1.25 19.62 19.61 1.25 19.62 19.6	.625/	1	140.5	214.7	2123.2	9.1	15.1	6.6	N	24.75	.625	11.00	.750	15.63
6257.1257 85.44 166.3 242.4 2315.8 9.2 15.8 9.6 25.13 25.13 .625 9.00 1.125 15.0 6.257.1357 89.6 1447.7 266.4 2387.8 99.1 16.2 99.0 26.13 24.0 6.25 14.0 0 .875 15.0 6.257.1357 92.65 1447.7 266.4 2387.8 99.1 16.4 8.7 27.25 24.8 6.625 14.0 0 .875 15.0 6.257.1357 92.65 14.0 12.2 240.2 240.2 240.2 16.5 12.0 1.125 15.0 12.2 14.0 1.125 15.0 15.1 16.2 15.1 16.2 15.1	625/1.1257 85.44 146.3 242.4 2315.8 9.2 15.8 9.6 25.13 26.513 .625 9.00 1.125 1.625 7.875 91.875 92.55 14.00 .875 13.8 625 14.00 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.80 .875 13.8 625 14.	.625/	8	142.2	221.8	2177.9	9.1	15.3	9.6	23.75	24.88	•629	10.00	.875	15.71
6257 6757 99 69 147 7 266 4 238 6 9 1 16 2 9 0 26 38 24 8 6 625 13 8 10 8 75 15 6 6 2 6 2 7 27 25 24 8 6 625 14 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6257 68751 99.69 147.7 266.4 2387.6 9.1 16.2 9.0 26.36 24.86 .625 13.00 .875 6257.1257 95.29 150.2 2449.5 91.1 16.4 67.7 25.2 26.86 .625 14.80 1.125 6257.1257 95.29 150.5 250.0 250.0 250.0 250.13 .625 14.80 1.125 6257.1257 95.90 150.2 220.6 2559.1 9.1 16.6 0.9 27.36 25.13 .625 12.00 1.125 6257.1257 96.90 155.2 290.6 2559.1 9.1 16.6 0.9 6.2 27.36 25.13 .625 12.00 1.125 6257.1257 99.60 151.8 310.5 256.2 3 10.1 17.7 11.1 26.9 6.3 29.00 27.86 .668 12.00 1.125 6257.1 15.1 16.0 16.0 10.1 17.7 10.0 29.00 27.86 .668 12.00 1.125 6257.1 10.2 10.1 17.7 10.1 17.7 10.5 29.0 27.86 .668 12.0 1.1 17.7 10.1 17.7 10.5 29.0 27.86 .668 12.0 1.1 17.7 10.5 29.0 27.86 .668 12.0 1.1 17.2 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.86 .688 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.7 10.5 29.0 27.89 .898 13.0 1.1 12.2 17.2 17.2 17.2 17.2 17.2 17.2	9x .625/1.125T	10	146.3	242.4	2315.8	9.5	15.8	9.6	25.13	25.13	.625	9.00	1.125	15.86
625/ 8751 92.55 149.2 2849.5 9.1 16.5 8.0 27.35 25.13 625 14.00 11.25 15.0 .625/11257 93.0 150.5 259.0 259.1 9.1 16.5 8.6 27.31 .625 12.0 11.25 15.0 .625/11257 96.0 152.2 296.5 256.3 9.0 16.9 8.6 28.31 .686 12.0 11.25 19.0 .680/.1257 97.0 18.6 310.5 256.3 9.0 16.9 8.6 27.80 .686 12.0 11.25 19.0 .680/.1257 19.0 16.1 17.7 10.5 29.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686 12.0 .686	625/11/257 92.55 149.2 2649.5 9.1 16.4 0.7 27.25 24.00 .625 14.00 .625 14.00 .625 14.00 .625 14.00 .625 12.25 .625 .1.25 .625/11.25 96.90 27.54 97.13 .625 .1.25 .625/11.25 97.90 15.25 .2.00 .2.25 .2.00 .625/11.25 .2.00 .2.20 .2.20 .625/11.25 .2.00 .2.20 .2.20 .625/11.25 .2.00 .2.20 .2.	.625/	m	147.7	266.4	2387.6	9.1	16.2	9.0	26.38	24.88	.625	13.00	.875	15.71
625/1.1257 93.09 150.5 280.0 280.2 9.1 16.5 0.9 27.36 25.13 .625 11.0 1.125 15.0 .625/1.1257 95.0 10.1 17.3 16.6 28.5 3.6 12.0 1.125 15.0 .625/1.1257 97.5 10.0 28.6 3.0 2.6 3.0 10.1 17.3 11.6 8.6 28.13 .60 9.0 1.125 19.0 .625/1.1257 98.0 151.8 310.5 256.3 9.0 16.9 6.2 27.00 .60 12.0 1.155 19.0 .688/1.1257 10.1 10.1 17.4 10.6 29.0 27.00 .60 12.0 19.5 19.0 10.4 10.0 17.0 10.0 17.4 10.0 17.4 10.0 17.4 10.0 17.4 10.0 10.0 17.4 10.0 17.4 10.0 10.0 17.4 10.0 17.4 10.0 17.4	625/11257 93.09 150.5 2284.2 9.1 16.5 6.9 27.36 25.13 .625 11.00 11.25 .686 11.00 11.25 .686 11.00 11.25 .686 12.00 11.25 .686 12.00 11.25 .686 12.00 .685 12.00 .686 12.00 .686 12.00 .687 .686 .886 12.00 .875 .686 .875 .186.0 .875 .886 .876	.625/	~1	149.2	281.2	2449.5	9.1	16.4	8.7		24.88	.625	14.00	.875	15.71
625/1.1257 96.90 152.2 299.6 2559.1 9.1 16.8 9.6 28.50 25.13 .625 12.00 17.55 15.0 17.55 15.0 17.55 19.0 17.55 19.0 17.5 11.1 28.6 27.00 26.6 12.00 .875 19.0 19.0 19.1 17.7 10.0 29.0 27.00 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .680 12.00 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875 19.0 .875	625/1.1257 96.90 152.2 296.6 2559.1 9.1 16.8 8.6 28.50 25.13 .625 12.00 1.125 .687/1.1257 97.55 184.0 216.9 11.1 28.69 28.13 .689 13.7 .689 13.7 .689 .83 .29.80 .689 12.0 .689 .87 .689 .87 .689 .87 .689 .87 .88 .689 .87 .689 .87 .689 .87 .689 .87 .88 .689 .125 .689 .87 .689 .87 .689 .87 .689 .87	•	3.0	150.5	280.0	2484.2	9.1	16.5	6.9	27.38	25.13	.625	11.00	1.125	15.86
668/1.1257 97.55 184.0 286.9 3181.9 10.1 17.3 11.1 28.69 28.13 .686 9.00 1.25 15.9 6.3 29.80 28.88 .685 15.00 .875 19.80 .685 15.00 .875 19.80 .686 12.00 .875 19.80 .686 12.00 .875 19.80 .686 12.00 .875 19.80 .686 12.00 .875 19.80 .686 12.00 .875 19.80 .686 12.00 .875 19.80 .686 11.00 .875 19.80 .686 11.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 .875 .13.00 <t< td=""><td>.688/1.1257 97.55 184.0 286.9 3181.9 10.1 17.3 11.1 28.69 28.13 .688 9.00 11.25 16.9 .689 13.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 18.0</td><td></td><td>96.90</td><td>152.2</td><td>298.6</td><td>2559.1</td><td>9.1</td><td>16.8</td><td>8.6</td><td>28.50</td><td>25.13</td><td>.625</td><td>12.00</td><td>1.125</td><td>15.86</td></t<>	.688/1.1257 97.55 184.0 286.9 3181.9 10.1 17.3 11.1 28.69 28.13 .688 9.00 11.25 16.9 .689 13.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 680 18.0 .875 18.0		96.90	152.2	298.6	2559.1	9.1	16.8	8.6	28.50	25.13	.625	12.00	1.125	15.86
.688/ .8757 98.60 151.8 310.5 2562.3 9.0 16.9 6.3 29.00 24.86 .625 16.00 .875 15. 688/ .8875 1101.00 183.9 237.3 3196.0 10.1 17.7 10.8 29.06 27.88 .688 12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .875 19. 688/ .12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .12.00 .875 19. 688/ .12.00 .12.00 .12.00 .12.00 .875 10. 688/ .12.00 .12.00 .12.00 .12.00 .875 10. 688/ .12.00 .12.0	685/ .8751 98.60 151.6 310.5 2562.3 9.0 16.9 6.3 29.00 24.86 .685 15.00 .875 688/ .8751 39.80 183.9 237.3 3195.0 10.1 17.7 10.5 29.0 27.80 .686 12.00 .875 688/ .8751 101.5 10.6 313.9 329.2 345.1 10.1 10.4 30.9 20.8 27.00 .686 12.00 .875 688/ .1.257 115.19 230.6 36.1 4403.9 11.0 19.1 10.4 30.9 20.8 37.0 10.1 10.1 10.4 30.9 20.8 15.0 13.0 .875 688/ .1.257 116.55 136.0 412.4 3797.0 10.1 10.2 9.2 36.9 75.0 10.2 568/ .1.1257 12.0 12.0 13.0 10.1 10.1 10.4 30.9 .750 11.2 568/ .1.1257 12.0 12.0 12.0 </td <td>•</td> <td>97.55</td> <td>184.0</td> <td>286.9</td> <td></td> <td>10.1</td> <td>17.3</td> <td>11.1</td> <td></td> <td>28.13</td> <td>.688</td> <td>9.00</td> <td>1.125</td> <td>19.53</td>	•	97.55	184.0	286.9		10.1	17.3	11.1		28.13	.688	9.00	1.125	19.53
.688/ .8757 99.80 183.9 297.3 3196.0 10.1 17.4 10.8 29.06 27.88 .688 12.00 .875 19. 688/ .8751 101.50 186.1 313.9 3286.6 10.1 17.7 10.5 29.94 27.88 .688 13.00 .875 19. 688/ .13.00 .875 19. 688/ .13.00 .875 19. 688/ .13.00 .875 19. 688/ .13.00 .875 19. 688/ .13.00 .875 19. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .13.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .875 23. 688/ .12.00 .12.00 .875 23. 688/ .12.00 .12.00 .875 23. 688/ .12.00 .12.00 .12.00 .875 23. 688/ .12.00 .12.	688/ .8751 39.80 183.9 297.3 3196.0 10.1 17.4 10.6 29.06 27.88 .688 12.00 .875 688/ .8751 101.50 166.1 313.9 329.6 10.1 17.7 10.5 29.94 27.88 .688 13.00 .875 750/ .8751 115.19 239.6 356.1 4403.9 11.0 10.1 30.94 27.88 30.88 13.00 .875 750/ .1257 115.1 19.1 11.0 37.94 28.13 .688 15.00 14.25 750/ .1257 116.0 19.2 11.2 35.48 36.8 15.00 14.25 750/ .1257 120.6 140.6 471.7 11.1 19.2 11.2 36.13 .688 15.00 14.25 750/ .1257 120.6 140.6 477.7 11.0 19.2 11.2 36.13 .688 15.00 14.25 750/ .1257 120.0 11.0 19.2 11.2	.625/	98.60	151.8	310.5	2562.3	9.0	16.9	6.3	29.00	24.88	.625	16.00	.875	15.71
.688/.8757 101.80 186.1 313.9 3296.6 10.1 17.7 10.5 29.94 27.08 .688 13.00 .875 19688/.1257 105.20 189.6 329.2 3415.1 10.1 10.0 10.4 30.94 28.13 .688 11.00 1.125 19688/.115.0 189.6 320.2 3446.1 10.1 10.1 10.0 10.4 30.94 28.13 .688 11.00 1.125 19688/.115.1 116.65 196.3 391.3 3709.5 10.1 10.0 19.1 12.0 33.8 34.8 10.8 11.0 1.125 19750/.11257 116.65 196.3 3913.2 4570.1 11.1 19.5 11.9 34.8 31.13 .750 11.0 11.125 19750/.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 19750/.1257 120.50 198.0 4771.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 19750/.1257 124.30 199.7 4732.7 11.0 19.9 11.0 36.56 28.13 .688 15.00 1.125 23750/.1257 124.30 199.7 4732.7 11.0 19.4 11.0 38.25 31.13 .750 14.00 1.125 23750/.1257 130.0 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23875//.1257 136.00 253.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.36 .875 10.00 1.125 30875//.1257 144.0 30.0 253.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.36 .875 10.00 1.125 30875//.1257 144.0 30.0 31.5 510.5 6699.3 12.0 12.0 13.5 42.3 34.3 .875 10.00 1.125 30875//.1257 149.60 311.5 510.5 6699.3 12.0 21.0 13.5 42.8 34.3 .875 10.00 1.125 30875//.1257 149.60 311.5 510.5 6699.3 12.0 21.0 13.4 64.6 3 34.13 .875 11.0 10.1 1.25 30875//.1257 151.7 311.9 520.9 6745.4 12.0 21.0 13.4 64.6 3 34.3 .875 11.0 10.1 1.25 30875//.1257 149.60 311.5 510.5 674.0 11.3 675 11.0 10.1 1.25 30875//.1257 149.60 311.5 510.5	688/ 8751 101.80 186.1 313.9 3286.6 10.1 17.7 10.5 29.94 27.88 .688 13.00 .875 688/1.1257 105.20 189.6 329.2 34.15.1 10.1 10.0 10.4 30.94 28.13 .688 11.00 13.20 .875 .688 11.00 .875 .888 .13.00 .875 .888 .888 .750 .10.0 .889 .888 .750 .10.0 .18.9 .92.38.1 .888 .750 .11.0 .10.1 .888 .750 .11.0 .10.1 .888 .750 .11.0 .11.0 .92.38.1 .888 .750 .11.0 .11.0 .92.38.4 .878.7 .11.0 .92.2 .92.38.4 .878.0 .11.0 .92.0 .92.38.4 .888 .750 .11.25 .12.0 .888.0 .750 .11.25 .12.0 .12.0 .12.0 .12.0 .92.38.4 .750 .12.0 .12.0 .88.55 .13.38.8 .88.5 .12.0 .12.	.688/	98.80	183.9	297.3	3196.0	1001	17.4		29.06	27.88	.688	12.00	.875	19.35
.688/1.1257 105.20 189.6 329.2 3415.1 10.1 10.0 10.4 30.94 28.13 .688 11.00 1.125 19750 .750 13.00 .875 23750 .15.19 230.6 356.1 4403.9 11.0 19.1 12.0 33.88 30.86 .750 13.00 .875 23250 .15.19 230.6 356.1 4403.9 11.0 19.1 19.0 11.9 34.13 .750 11.0 11.125 19868/1.1257 116.69 234.9 353.2 4570.1 11.1 19.5 11.9 34.8 31.13 .750 11.0 11.125 19868/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 19750/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 19750/1.1257 124.10 238.1 406.6 4711.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 23875/1.1257 124.10 238.1 406.6 4711.7 11.1 19.8 11.2 36.50 23.13 .750 16.00 1.125 23875/1.1257 120.30 199.7 452.7 4970.0 10.0 19.9 11.2 36.50 23.13 .750 14.00 1.125 23875/1.1257 130.00 263.5 423.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.375 27875/1.1257 144.9 30.4 20.6 639.0 12.0 21.0 13.4 42.3 34.13 .875 10.00 1.375 30875/1.1257 144.9 30.4 20.6 639.0 12.0 21.0 13.4 42.3 34.13 .875 10.00 1.375 30875/1.1257 144.9 40.0 311.5 510.5 6599.3 12.0 21.5 13.1 44.0 134.3 .875 11.0 11.125 30875/1.1257 144.9 60 311.5 510.5 6599.3 12.0 21.5 13.1 44.0 134.3 .875 11.0 11.1 1.2 12.0 11.125 30875/1.1257 151.7 311.9 528.9 6745.4 12.0 21.6 12.0 44.5 33.4 3.3 .875 11.0 11.125 30875/1.1257 151.7 311.9 528.9 6745.4 12.0 21.5 13.1 44.6 6.5 34.13 .875 11.0 11.125 32875/1.1277 151.7 151.5 510.3 31.2 24.2 13.1 44.6 46.5 34.1 3.7 5 14.0 11.125 32875/1.1277 151.2 51.7 51.1 51.2 51.2 51.2 51.2 51.2 51.2 51.2	.688/1.1257 105.20 189.6 329.2 3415.1 10.1 10.0 10.4 30.94 28.13 .688 11.00 1.125 .750/ .8757 115.19 230.6 366.1 4403.9 11.0 19.1 12.0 33.88 30.88 .750 13.00 .875 .750/1.1257 116.65 196.3 366.1 4403.9 11.0 19.1 12.0 33.88 31.13 .750 11.0 10 1.125 .750/1.1257 116.65 196.3 412.4 3797.0 10.1 19.2 9.2 35.44 28.13 .688 15.00 1.125 .750/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .750 12.00 1.125 .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.2 36.00 31.13 .750 12.00 1.125 .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.2 36.50 30.88 .750 12.00 1.125 .750/1.1257 124.30 199.7 432.7 3878.0 10.0 19.4 11.2 36.56 26.13 .688 16.00 1.125 .750/1.1257 124.30 199.7 452.7 4970.0 11.1 20.4 11.2 38.25 31.13 .750 14.00 1.125 .875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.83 34.13 .875 10.00 1.125 .875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.83 34.13 .875 10.00 1.125 .875/1.1257 144.09 304.2 478.6 6479.4 12.0 21.0 13.4 42.83 34.13 .875 10.00 1.125 .875/1.1257 149.60 3311.5 510.5 6599.3 12.0 21.6 12.8 44.63 34.33 .875 10.00 1.125 .875/1.1257 149.60 3311.5 510.5 6599.3 12.0 21.6 12.8 44.65 37.38 .875 14.00 1.375 .875/1.1257 151.74 311.9 528.9 672.4 12.0 21.6 12.8 44.65 37.38 .875 14.00 1.375 .875/1.1257 151.74 311.9 528.9 672.4 12.0 21.6 12.8 54.00 37.50 .875 14.00 1.375 .875/1.1257 17.2.55 372.5 672.3 9920.7 13.0 25.0 12.8 54.00 37.50 .875 14.00 1.570	.688/	101.80	186.1	313.9	3286.6	10.1	17.7		59.94	27.88	.688	13.00	.875	19.35
.7507 .8757 115.19 230.6 366.1 4403.9 11.0 19.1 12.0 33.86 30.86 .758 13.00 .875 23. 688/1.1257 116.65 196.3 391.3 3709.5 10.1 10.9 9.5 34.31 28.13 .688 14.00 1.125 199. 688/1.1257 116.65 196.3 383.2 4570.1 11.1 19.5 11.9 34.88 31.13 .750 11.00 1.125 23. 688/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 19.2 35.44 28.13 .688 15.00 1.125 199. 750/1.1257 122.40 238.1 406.6 47711.7 11.0 19.8 11.2 35.50 31.13 .750 16.00 1.125 23. 750/1.1257 124.30 199.7 432.7 432.7 11.0 19.8 11.2 36.50 30.88 .750 16.00 1.125 23. 688/1.1257 124.30 199.7 432.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 16.00 1.125 23. 750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 16.00 1.125 23. 875/1.1257 130.05 243.6 479.6 6479.4 11.0 13.4 42.63 34.13 .875 12.00 1.125 30. 875/1.1257 144.94 306.8 479.6 6479.4 12.0 21.0 13.4 42.63 34.13 .875 10.00 1.125 30. 875/1.1257 144.94 306.8 479.6 6479.4 12.0 21.0 13.4 42.63 34.38 .875 10.00 1.125 30. 875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.0 13.4 40.00 34.38 .875 10.00 1.375 30. 875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.6 12.6 46.51 34.13 .875 10.00 1.375 30. 875/1.3577 15.00 1.375 37.38 .875 10.00 1.375 37.38 .875 10.00 1.375 37.38 .875/1.3577 15.00 1.375 37.375 37.375 37.43 .875 37.43 3	.7507 .8751 115.19 230.6 366.1 4403.9 11.0 19.1 12.0 33.88 30.86 .758 13.00 .875 .688 115.0 115.5 .688 115.0 116.65 196.3 391.3 3709.5 10.1 18.9 9.5 34.31 28.13 .688 14.0 1.125 .688 115.0 11.0 19.5 11.9 34.8 31.13 .750 11.0 1.125 .688 115.0 1.125 .688 11.0 198.0 412.4 3797.0 10.0 19.5 11.0 35.44 28.13 .688 15.0 1.125 .750/1.1251 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 .750/1.1251 124.10 238.0 4722.7 11.0 19.9 11.2 36.50 30.88 .750 16.00 1.125 .750/1.1251 124.30 199.7 432.7 3878.0 10.0 19.9 11.2 36.50 30.88 .750 14.00 1.125 .750/1.1251 124.30 199.7 432.7 4970.0 11.1 20.4 11.2 36.50 31.3 .750 14.00 1.125 .875/1.3751 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.125 .875/1.3751 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 10.00 1.125 .875/1.3751 144.09 304.2 478.6 6479.4 12.0 21.0 13.4 42.38 34.13 .875 10.00 1.125 .875/1.3751 149.60 311.5 510.5 6479.4 12.0 21.0 13.4 42.38 34.38 .875 10.00 1.125 .875/1.3751 149.60 311.5 510.5 6599.3 12.0 21.5 13.44 40.3 34.38 .875 10.00 1.125 .875/1.1251 149.60 311.5 510.5 6599.7 13.0 21.5 13.4 40.65 37.33 .875 10.00 1.125 .875/1.1251 151.7 4 311.9 528.9 677.4 12.0 21.5 13.4 60.50 34.38 .875 10.00 1.125 .875/1.1251 172.55 37.3 875 10.00 1.125 .875/1.1251 172.55 37.3 875 10.00 1.125 .875/1.1251 172.55 37.3 875 10.00 1.125 .875/1.1251 172.55 37.3 875 10.00 1.125 .875/1.375 172.55 37.3 875 10.00 1.125 .875/1.375 172.55 37.3 875 170 10.00 1.200 1.200 .875/1.375 172.55 3775 172.55 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.5 3775 172.0 172.0 3775 172.0 3775 172.0 3775 172.5 3775 172.5 3775 172.0 3775 172.0 3775 172.0 3775 172.0 3775 172.0 3775 172.5 3775 172.0 377	•	105.20		329.2	3415.1	10.1	18.0	10.4	30.94	28.13	.688	11.00	1.125	19.53
.688/1.1257 116.65 196.3 391.3 3709.5 10.1 18.9 9.5 34.31 28.13 .688 14.00 1.125 19. .750/1.1257 118.59 234.9 383.2 4570.1 11.1 19.5 11.9 34.88 31.13 .750 111.00 1.125 23. .750/1.1257 120.50 198.0 412.4 3797.1 11.0 19.2 9.2 35.44 28.13 .750 11.00 1.125 23. .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.2 36.50 30.88 .750 16.00 1.125 23. .750/1.1257 124.30 199.7 432.7 3878.0 10.0 19.9 11.2 36.50 30.88 .750 16.00 1.125 23. .750/1.1257 124.30 199.7 432.7 3878.0 10.0 19.9 11.2 36.50 30.88 .750 16.00 1.125 23. .875/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23. .875/1.1257 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 12.00 1.125 30. .875/1.1257 144.09 304.2 478.6 6479.4 12.0 21.1 13.5 42.53 34.33 .875 12.00 1.125 30. .875/1.1257 149.60 311.5 510.5 6699.3 12.0 21.1 13.5 42.75 37.13 .875 110.00 1.375 30. .875/1.1257 149.60 311.5 510.5 6699.3 12.0 21.5 13.1 44.00 34.38 .875 110.00 1.375 30. .875/1.1257 150.10 358.8 567.4 12.0 21.5 13.1 44.00 34.38 .875 110.00 1.375 30. .875/1.1257 150.10 358.8 567.4 12.0 21.5 12.0 37.13 .875 110.00 1.375 30. .875/1.1257 150.10 358.8 567.4 12.0 21.5 12.0 37.13 .875 110.00 1.375 30. .875/1.1357 150.10 358.8 567.4 12.0 21.5 12.0 37.13 .875 110.00 1.375 30. .875/1.1357 150.10 358.8 567.4 12.0 21.5 12.0 44.53 34.13 .875 110.00 1.375 32. .875/1.1377 150.10 150.10 358.8 567.4 12.0 21.6 12.8 54.00 37.50 .875 110.00 1.375 32. .875/1.3777 150.10 150.10 358.8 567.4 12.0 21.8 54.00 37.5 37.38 .875 110.00 1.375 32. .875/1.3777 150.10 150.10 150.10 150.10 350.2 12.0 12.0 12.0 21.8 54.00 37.50 .875 110.00 1.375 32.	.688/1.1257 116.65 196.3 391.3 3709.5 10.1 10.9 9.5 34.31 28.13 .686 14.00 1.125 .750/1.1257 118.59 234.9 383.2 4570.1 11.1 19.5 11.9 34.68 31.13 .750 11.01 1.125 .868/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 35.44 28.13 .688 15.00 1.125 .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.90 31.13 .750 12.00 1.125 .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.90 31.13 .750 16.00 1.125 .750/1.1257 124.30 199.7 432.7 3876.0 10.0 19.4 9.0 36.56 28.13 .688 16.00 1.125 .750/1.1257 124.30 199.7 432.7 3876.0 11.0 19.9 11.2 36.50 31.3 .750 14.00 1.125 .750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.1257 144.94 304.2 478.6 6395.0 12.0 11.1 13.5 42.63 34.38 .875 10.00 1.375 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 10.00 1.325 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.6 12.8 44.63 34.13 .875 11.00 1.375 .875/1.1257 17.1 378.8 567.4 12.0 21.6 12.8 44.63 34.13 .875 11.00 1.375 .875/1.3757 17.55 372.5 672.3 9950.7 13.0 25.0 12.8 54.00 37.50 .875 11.00 1.375 .875/1.3757 17.555 372.5 672.3 9950.7 13.0 25.0 12.8 54.00 37.50 .875 11.00 1.576	•	115.19	230.6	366.1	4403.9	11.0	19.1	12.0		30.88	.750	13.00	.875	23.35
.750/1.1257 118.59 234.9 383.2 4570.1 11.1 19.5 11.9 34.88 31.13 .750 11.00 1.125 23688/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 19688/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.2 36.00 31.13 .688 15.00 1.125 19750/1.1257 122.40 238.1 406.8 4732.7 11.0 19.8 11.2 36.50 30.88 .750 16.00 1.125 23688/1.1257 124.30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 .688 16.00 1.125 19750/1.1257 124.30 199.7 432.7 3878.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23875/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23875/1.1257 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 12.00 1.125 30875/1.1257 144.09 304.2 478.6 6479.4 12.0 21.0 13.4 42.38 34.13 .875 10.00 1.375 30875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.63 34.38 .875 10.00 1.375 30875/1.1257 147.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30875/1.1257 151.7 31.9 528.9 6745.4 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30875/1.1357 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 11.00 1.375 32875/1.377 158.10 358.8 567.4 8297.7 13.0 25.0 12.8 54.00 37.50 .875 11.00 1.375 32.	**50/1.1257 **118.59 234.9 383.2 4570.1 **11.1 19.5 **11.9 34.08 31.13 **750 **11.00 **12.5 **688.15.00 **15.00 **12.5 **688.15.00 **12.5 **12.4 **28.13 **688.15.00 **12.5		116.65	186.3	391.3	3709.5	10.1	18.9	9.5		28.13	.688	14.00	1.125	19.53
.688/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 19. 750/1.1257 122.40 238.1 406.6 4771.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 23886/1.1257 122.40 238.0 420.8 4771.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 23886/1.1257 124.10 29.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 .688 15.00 1.125 23750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23875/1.1257 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.125 23875/1.1257 144.99 304.2 479.6 6479.4 12.0 21.0 13.4 42.38 34.38 .875 10.00 1.375 30875/1.1257 144.94 306.8 479.6 6479.4 12.0 21.0 13.4 42.83 34.38 .875 10.00 1.375 30875/1.1257 149.60 311.5 510.5 6599.3 12.8 21.9 15.5 42.83 34.38 .875 11.00 1.375 30875/1.1257 149.6 311.5 510.5 6599.3 12.8 21.9 15.5 42.83 34.38 .875 11.00 1.375 30875/1.1257 15.00 1.375 30875/1.375 15.00 1.375 30875/1.3757 15.00 1.375 30875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.3757 15.00 1.375 37.3 .875/1.375 37.3 .875/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.375/1.375/1.3757 15.00 1.375/1.375/1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.3757 15.00 1.375/1.375/1.375/1.3757 15.00 1.375/1.37	.688/1.1257 120.50 198.0 412.4 3797.0 10.0 19.2 9.2 35.44 28.13 .688 15.00 1.125 .750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 .750/1.1257 124.10 199.7 432.7 3878.0 10.0 19.9 11.2 36.50 31.0 .750 16.00 .875 .750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.1257 136.00 263.5 423.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.1257 144.09 304.2 478.6 6535.0 12.0 21.0 13.4 42.33 34.33 .875 12.00 1.125 .875/1.1257 144.99 306.8 479.6 6479.4 12.0 21.0 13.4 42.33 34.33 .875 10.00 1.375 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.6 12.8 44.63 34.13 .875 10.00 1.125 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 11.00 1.375 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 23.1 14.6 46.50 37.50 .875 14.00 1.375 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 25.0 12.8 54.00 37.50 .875 14.00 1.375		118.59	234.9	383.2	4570.1	11.1	19.5	11.9	34.88	31.13	.750	11.00	1.125	23.54
.750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 23750/.8757 124.10 238.0 420.8 4732.7 11.0 19.9 11.2 36.50 30.88 .750 16.00 .875 23750/.8757 124.10 238.0 420.8 4732.7 11.0 19.9 11.2 36.56 28.13 .688 16.00 1.125 19750/.1257 124.30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 .750 14.00 1.125 23750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.8 34.13 .875 12.00 1.125 30875/1.1257 144.94 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.125 30875/1.1257 149.6 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.125 32875/1.1257 149.6 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 11.00 1.125 30875/1.1257 150.7 150.10 350.3 577.7 13.0 24.2 13.0 575 37.38 .875 10.00 1.375 33875/1.3757 16.0 372.5 577.2 9550.7 13.0 25.2 12.8 54.00 37.50 .875 11.00 1.375 33.	.750/1.1257 122.40 238.1 406.6 4711.7 11.1 19.8 11.6 36.00 31.13 .750 12.00 1.125 .750/1.25.4 124.10 238.0 4732.7 11.0 19.4 11.2 36.50 30.88 .750 15.00 .875 .750/1.257 124.10 238.0 420.8 4732.7 11.0 19.4 11.0 36.56 28.13 .686 16.00 .875 .750/1.1257 124.30 19.3 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.1257 136.00 263.5 423.6 452.7 4970.0 11.0 19.5 12.1 40.00 31.38 .875 12.00 1.125 .875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 12.00 1.125 .875/1.1257 144.99 30.4 479.6 6395.0 12.0 21.0 13.4 42.63 34.38 .875 10.00 1.125 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.65 37.3 .875 14.00 1.125 .875/1.1257 17.5 59.8 557.4 12.0 21.6 12.8 44.65 37.3 .875 14.00 1.125 .875/1.1257 17.5 59.8 557.4 12.0 21.6 12.8 44.65 37.3 .875 14.00 1.125 .875/1.1257 17.5 59.8 557.4 12.0 21.6 12.8 44.65 37.3 .875 14.00 1.125 .875/1.1257 17.5 59.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57			198.0	415.4	3797.0	10.0		9.5	35.44	28.13	.688	15.00	1.125	19.53
.7507 .8757 124.10 238.0 420.8 4732.7 11.0 19.9 11.2 36.50 30.88 .750 16.00 .875 23. 688 124.30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 688 16.00 1.125 19. 750/1.1257 124.30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 688 16.00 1.125 19. 750/1.1257 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.375 27. 8757/1.1257 144.94 306.8 479.6 5395.0 12.0 21.0 13.4 42.53 34.33 .875 10.00 1.375 30. 8757/1.1257 144.94 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30. 8757/1.1257 149.6 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30. 8757/1.1257 149.6 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30. 8757/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.1257 15.00 1.375 30. 875/1.375 172.5 37.35 38.5 37.35 37.35 37.35 37.35 37.37 37.375 3	.7507 .8757 124.10 238.0 420.8 4732.7 11.0 19.9 11.2 36.50 30.88 .750 16.00 .875 15.01 125.0 15.01 1.875 .6881.13 .750 14.01 1.875 .6881.13 .750 14.01 1.125 .6881.13 .750 14.01 1.125 .750////////////////////////////////////			238.1	406.6	4711.7	11.1		11.6	0	31.13	.750	15.00	1.125	23.54
.688/1.1257 124,30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 .688 16.00 1.125 19750/1.1257 120.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.375 27875/1.1257 136.00 263.5 423.0 5135.1 11.0 12.5 12.1 40.00 31.38 .875 10.00 1.375 27875/1.1257 144.94 306.2 478.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30875/1.1257 149.69 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 11.00 1.375 30875/1.3757 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.38 .875 10.00 1.375 32875/1.3757 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.36 .875 10.00 1.375 32875/1.3757 158.60 382.5 777.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 14.00 1.375 33.	.688/1.1257 124.30 199.7 432.7 3878.0 10.0 19.4 9.0 36.56 28.13 .688 16.00 1.125 .750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.1257 144.00 263.5 423.0 5135.1 11.0 13.4 42.38 34.13 .875 10.00 1.375 .875/1.1257 144.94 306.8 479.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 10.00 1.125 .875/1.1257 145.95 376.8 479.6 6479.4 12.0 21.0 13.4 42.38 34.38 .875 10.00 1.125 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 12.1 44.00 34.38 .875 10.00 1.125 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.375 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.375 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.3757 172.55 372.5 672.3 9950.7 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375			238.0	450.8	4732.7	11.0		11.2	36.50	30.88	.750	16.00	.875	23.35
.750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 23.5 5.85 875 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 27.6 8.875/1.1257 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 12.00 1.125 27.6 8.875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.1 13.5 42.53 34.38 .875 10.00 1.375 30.3 .875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.75 37.13 .875 10.00 1.125 32.7 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.36 .875 11.00 1.375 30.3 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.6 44.63 34.13 .875 14.00 1.375 30.3 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.6 44.63 34.13 .875 14.00 1.125 30.0 .875/1.1257 151.77 31.9 528.9 6745.4 12.0 21.6 12.6 44.63 34.13 .875 14.00 1.375 32.9 .875/1.3751 1758.10 372.5 672.1 13.0 24.2 13.4 50.75 37.36 .875 14.00 1.375 32.9 .875/1.500 1.375 32.9 .875/1.500 1.375 32.9	.750/1.1257 130.05 243.6 452.7 4970.0 11.1 20.4 11.0 38.25 31.13 .750 14.00 1.125 .875/1.3757 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.375 .875/1.1257 144.94 304.2 478.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 12.00 1.125 .875/1.1257 144.94 306.6 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.125 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375			1 99 . 7	432.7	3878.0	10.0	19.4	9.0	36.56	28.13	.688	16.00	1.125	19.53
.875/1.3751 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.375 27.66 .875 11.00 1.375 27.66 .875/1.1251 144.99 304.2 478.6 6335.0 12.0 21.1 13.4 42.36 34.13 .875 12.00 1.125 30.0 .875/1.1251 144.99 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30.3 .875/1.1251 145.96 311.5 510.5 6599.3 12.8 21.9 15.5 42.63 34.38 .875 10.00 1.125 32.7 .875/1.1251 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30.3 .875/1.1251 151.74 311.9 528.9 6745.4 12.0 21.6 12.6 44.63 34.13 .875 14.00 1.125 30.0 .875/1.500 156.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 14.00 1.375 32.9 .875/1.500 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 14.00 1.500 33.0 .875 14.00 1.500 33.0	.875/1.3757 136.00 263.5 423.0 5135.1 11.0 19.5 12.1 40.00 31.38 .875 10.00 1.375 .875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.1 13.5 42.33 34.13 .875 12.00 1.125 .875/1.1257 144.94 304.6 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 110.00 1.375 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.125 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.507 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 14.00 1.375 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500		:	243.6	452.7	4970.0	11.1	50.4	11.0	38.25	31.13	.750	14-00	1.125	23.54
.875/1.1257 144.09 304.2 478.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 12.00 1.125 30.0 .875/1.375 144.09 304.2 478.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30.3 .875/1.375 144.94 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30.3 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 14.00 1.375 30.3 .875/1.1257 154.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 30.0 .875/1.500 1.58.0 .875/1.500 1.58.3 .875/1.500 1.58.3 .875/1.500 1.58.3 .875/1.500 1.58.3 .875/1.500 1.58.3 .875 10.00 1.575 32.9 .875/1.500 1.876 33.0 .875/1.500 1.876 33.0 .875/1.500 1.876 33.0 .875/1.500 1.876 33.0 .875/1.500 1.500 33.0	.875/1.1257 144.09 304.2 476.6 6395.0 12.0 21.0 13.4 42.38 34.13 .875 12.00 1.125	•		263.5	423.0	5135.1	11.0	19.5	15.1		31.38	.875	10.00	1.375	
.875/1.3757 144.94 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 30.3 .875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.75 37.13 .875 10.00 1.125 32.7 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30.3 .875/1.1257 149.60 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 30.0 .875/1.1257 156.10 356.8 567.4 8297.7 13.0 23.1 13.4 60.50 37.50 .875 10.00 1.500 33.0 .875/1.1507 12.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.50 .875 14.00 1.375 32.9 .875/1.1507 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.3757 144.94 306.8 479.6 6479.4 12.0 21.1 13.5 42.63 34.38 .875 10.00 1.375 .875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.75 37.13 .875 10.00 1.125 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.5007 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500	•	:	304.2	478.6	6395.0	12.0	21.0	13.4	2	34.13	.875	12.00	1.125	30.08
.875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.75 37.13 .875 10.00 1.125 32.7 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30.3 .875/1.1257 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30.3 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 30.0 .875/1.5007 159.0 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 33.0 .875/1.577 13.2 550.1 13.4 50.75 37.36 .875 14.00 1.375 32.9 .875/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.1257 145.35 339.9 481.9 7450.3 12.8 21.9 15.5 42.75 37.13 .875 10.00 1.125 .875/1.3757 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.257 149.60 311.5 510.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.257 151.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.5707 150.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 11.00 1.500 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.5707 183.60 37.50 .875 14.00 1.570			306.8	479.6	4.6249	12.0	21.1	13.5		34.38	.875	10.00	1.375	30.30
.675/1.3757 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 30.3 .875/1.1257 149.60 311.5 510.5 6799.3 12.0 21.5 13.1 44.60 34.38 .875 14.00 1.125 30.0 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.6 44.63 34.13 .875 14.00 1.125 30.0 .875/1.250 7750 759.1 150.00 1.375 33.0 .875/1.3757 172.5 572.5 672.3 9220.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 32.9 .875/1.250 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.3757 149.60 311.5 510.5 6599.3 12.0 21.5 13.1 44.00 34.38 .875 11.00 1.375 .875/1.275 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.5707 158.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.5707 183.60 375/1.5707 183.60 37.50 12.8 54.00 37.50 .875 15.00 1.500		5	339.9	481.9	7450.3	12.8		15.5	45.75	37.13	.875	10.00	1.125	32.71
.875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 30.0 .875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.65 37.50 .875 10.00 1.125 30.0 .875/1.1507 159.10 358.8 37.34 14.6 46.50 37.50 .875 10.00 1.570 33.0 33.0 24.57/1.1577 17.55 37.36 .875 14.00 1.375 32.9 .875/1.150 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.1257 151.74 311.9 528.9 6745.4 12.0 21.6 12.8 44.63 34.13 .875 14.00 1.125 .875/1.5007 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .875/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500		9	311.5	510.5	66669	12.0	21.5	13.1	44.00	34.38	.875	11.00	1.375	30.30
.875/1.5007 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 33.0 .875/1.3751 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 32.9 .875/1.501 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.5007 158.10 358.8 567.4 8297.7 13.0 23.1 14.6 46.50 37.50 .875 10.00 1.500 .875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .975/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500	•	-	311.9	528.9	6745.4	12.0	21.6	12.8	44.63	34.13	.875	14.00	12	30.08
.875/1.3751 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 32.9 .875/1.5001 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.875/1.3757 172.55 372.5 672.3 9020.1 13.0 24.2 13.4 50.75 37.38 .875 14.00 1.375 .975/1.5001 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500			358.8	567.4	8297.7	13.0	23.1	14.6	46.50	37.50	.875	10.00	1.500	33.03
.975/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500 33.0	.975/1.5007 183.60 382.5 747.2 9550.7 13.0 25.0 12.8 54.00 37.50 .875 15.00 1.500	.875/1.37	N	372.5	672.3	9020.1	13.0	24.2	13.4	50.75	37.38	.875	14.00		0
		. 975/1.50	3	382.5	747.2	9550.7	13.0	25.0	12.8	54.00	37.50	.875	15.00		-

0.2500 - 1/4 in.

			SECT TON	HODGE							MEB	A L L	FLANGE	SHEA
NAL SI	3.	•	ZPL	ZFL	INERTIA	œ	4 A	46	AREA	DEPTH	THICK	HIOIH	THICK	AREA
15	188T		7.0	1.5	4:4	1:1	9.	2.8	.75	3.19	.125	2.00	.188	4.
15	1881		9.5	2.2	7.9	1.4		3.6	. 88	4.19	.125	2.00	.188	.5
15	.188T	3.20	7.6	2.1	5.8	1.2		2.7	16.	3.19	.125	3.00	.188	.43
15	1881		12.2	6.2	12.7	1.8	1.0	* . 4	1.00	5.19	.125	2.00	.188	.68
15	188T		10.2	5.9	10.1	1.6	1.0	3.5	1.06	7	.125	3.00	.188	.56
1	1881		13.0	3.8	16.1	2.0	1.2	4.2	1.19	5.19	.125	3.00	.188	9.
1	3131		10.5	3.4	11.8	1.6	1.1	3.5	1.38	4.31	.188	2.00	.313	.86
1	3131		8.3	3.4	9.8	1.4	1.0	5.6	1.50	3.31	.188	3.00	.313	.68
	3131		13.3	4.5	18.7	2.0	1.4	4.2	1.56	5.31	.188	2.00	.313	1.05
1	3131		16.1	5.7	27.6	2.4	1.7	6.4	1.75	6.31	.188	2.00	.313	1.24
	250T		18.3	6.1	34.5	2.7	6	2.6	1.81	7.25	188	2.00	250	1.42
1	31.37	6.39	14.1	9	23.6	2.2	1.7		1.88	5.31	188	3-00	313	1.05
	750T	6.60	14.1	5.3	24.1	2.2		3.8	70	5.25		00-7	250	100
	25.0T	7.00	10.	7.8	41.7	2.0		2	2.06	7.25	881	2	25.0	
	25.01	7 24			45.		,,,		2000	200			25.0	200
	11.11	7	1		27.1		1 .		21.0	27.0	001.		2.20	7.
	1010								61.0	200	. 100	200		1:
	. 5151	1.05	0.02	3.6	200	200	5.0	2.6	69.5	1.31	.166	3.00	. 513	1.43
	1067.	1.85	20.1	***	48.3	300	4.2	5.1	2.31	62.7	.188		162.	1.42
	. 31 31	8.09	17.7	3.6	39.9	2.7	2.3	*:3	2.38	6.31	.188	4-00	.313	1.24
	.313T	8.70	20.7	11.0	9.45	3.1	5.6	2.0	5.56	7.31	.188	00-7	.313	1.43
	. 3131	9.15	18.1	11.0	45.1	2.8	5.5	4.1	5.69	6.31	.188	2.00	.313	1.24
	1884.	9.55	18.1	6.6	43.1	2.7	2.4	4.3	2.81	14.0	.250	3.00	.438	1.68
	. 31 3T	62.6	21.3	13.1	61.6	3.2	5.9	4.7	2.88	7.31	.188	2.00	.313	1.43
	.375T	10.20	18.3	11.0	45.7	5.8	5.2	4.2	3.00	6.38	.250	4.00	.375	1.67
	.438T	10.40	21.2	11.9	59.0	3.1	8.2	6.4	3.06	7.44	.250	3.00	.438	1.93
	.375T	9	23.9	12.8	72.3	3.4	3.0	2.6	3.13	8.38	.250	3.00	.375	2.17
	.313T		56.4	13.4	85.4	3.7	3.2	4.9	3.19	9.31	.250	3.60	.313	2.4
100	.313T		24.2	13.8	15.5	3.5	3.1	5.5	3.25	8.31	.250	00-4	.313	2.15
-	438T	11.25	54.5	14.1	78.0	3.5	3.2	5.5	3.31	8.44	.250	3.00	.438	2.1
	.375T	3	27.1	14.9	92.9	3.8	3.4	6.2	3.38	9.38	.250	3.00	.375	2.4
-	.313T		29.7	15.5	107.9	1:1	3.6	7.0	3.44	10.31	.250	3.00	.313	5.6
2507	.375T		24.8	15.5	95.0	3.6	3.3	5.3	3.50	8.38	.250	4.00	.375	2.17
1	438T		27.8	16.3	1001	3.9	3.6	6.1	3.56	9.44	.250	3.00	.438	2.4
2507	.3751		30.4	17.1	116.7	4.2	3.8	9.9	3.63	10.38	.250	3.00	.375	2.67
10	.3131	12.75	30.8	18.3	121.6	4.2	3.9	9.9	3.75	10.31	.250	***	.313	5.6
2507	.313T		28.2	18.5	107.3	4.0	3.8	2.8	3.81	9.31	.250	5.00	.313	2.40
-	:37 ST		55.5	18.3	35.2	3.7	3.6	5.0	3.88	8.38	.250	5.00	.375	2.17
	.3751	9	31.6	20.5	132.4	4.3	4.2	6.9	4.00	18.38	.250	4.00	.375	2.67
	.313T	13.80	31.7	21.1	134.0	*:	4.2	4.9	4.06	10.31	.250	5.00	.313	2.65
	.375T	-	28.9	21.0	117.5	4:1	4:1	9.6	4.13	9.38	.250	2.00	.375	2.42
-	.438T		26.0	20.4	1.66	3.7	3.8	4.9	4.19	8.44	.250	5.00	.438	2.10
	.438T	3	32.3	55.6	142.5	4:4	*:*	6.3	4.25	10.44	.250	4.00	.438	2.68
1882	.3751		32.5	23.8	146.3	4.5	4.5	6.2	4.38	10.38	.250	5.00	.375	2.67
	-	•				,								
	1859	-	29.62	23.4	127.0	-	F - 3	4.5	44.44	9770	126	5.00	A 2.4	3-6

0.2813 - 9/32 in.

.201 IN. PLATE (AREA = 3.01 SQ.IN.)

EAR	REA	.16	99.	.67	.45	.18	.67	.43	.39	16.	.18	99.	66.	. 43	26.	.01	.68	66.	26.	.01	66.		100	5.53	.55	.01	66.	.58	. 85	. 60	.55		• 52	00.		28	55	.53	.01	. 60	.58	. 55	.36	30
SH	-	~	2	~	2	~	~	~	-		2	~	-	2	_	•	~	,	_	٠,	,	,		7 6	u,	3		u.	3	L.		•			, ,				4	u	5	•	_	
NGE	THICK	-	.438	.375	.375	.438	.375	.438	.563	.406	.438	.438	694.	.438	904.	.531	.438	694.	904.	.531	694.	994	166.	. 469	.531	.531	694.	.594	• 656	.656	.531	.531	.531	. 656		200	. 531	694.	.531	.656	.594	.531	.531	204
_	I	8	5.00	:		-	0	:	-		8-00		0	:	0	0	0		0	2.00	-	9 0	> c	-	0		:	** 00	2.00	-	5.00	•	-	9 6	•	•		-	-		0	8.00		-
WEB	THICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	3:	7 .	.375	37	.313	.313	.375	.375	.375	.375	.313	.375	. 375	212	375	375	.375	.313	.375	.375	.375	.438	4.78
	DEPTH	8.44	10.44	10.38	9.38	8.44	10.38	9.44	10.56	12.41	8.44	10.44	12.47	9.44	12.41	12.53	10.44	12.47	15.41	12.53	12.47	14.41	16.73	14.47	14.53	12.53	12.47	14.59	15.66	14.66	14.53	12.53	14.53	14.66	14.41	14.59	14.53	14.47	12.53	14.66	14.59	14.53	16.53	46 60
	-	53	69	15	88	90	2	31	38	88	20	99	53	52	8		00	6	.19	6.41	.20		***	7.13	.38	14.	.50	.63	.78	. 83	.91	00.	55	.53			26	.00	.06	.19	.41	.50	99.	
	4:	4.6	0.9	6.6	5.1	3.3	9.6	6.4	6.0	1.4	4.2	5.4	7.3	4.6	7.1	7.1	5.1	6.9	9.9	6.7	9.0	6.0		200																				
	YP	4.1	4.8	4.0	4.6	4.3	5.1		6.4	5.3	4.6	5.3	5.5	5.1	9.6	2.5	2.6	5.9	2.9	6.1	2.9	2.0	•	6.5	6.7	2.9	6.8	6.9											7.5					
	œ		4.5						4.5	5.0	3.8	4.6	5.1	4.2	5.1	2.5	4.6	2.5	2.5	5.3	2.5	2.5	2	5.7	5.8	5.4	5.4	5.8	5.3	2.9	2.9	2.4	9.0	•	• •	6.0	6.0	6.0	5.4	6.0	9.9	6.0	6.5	
	RTI	. 90	157.9	29.	37.	16.	170.7	148.1	166.8	212.8	123.9	183.6	226.1	157.1	232.7	239.1	194.7	248.0	520.9	262.5	201.0	2000	285.6	331.0	347.8	302.3	302.0	363.9	298.5	379.6	378.9	319.3	3-104	6.414	237 7	427.2	432.9	432.6	348.7	2.944	454.0	4.954	6	
5		23.5	26.5	27.1	27.0	56.6	30.5	30.3	27.9	28.7	29.7	34.1	31.2	33.8	32.9	33.6	37.9	36.0	37.0	39.1		41.5		40.1	45.9	8.64	50.3	45.6	46.3	48.3	49.0	55.5	22.55	25.6	200	200	61.2	61.8	65.7	63.2	66.0	57.3	9.09	
SECTION	ZPL	26.5	33.2	33.2	30.0	56.9	33.7	30.6	34.4	40.3	27.2	34.4	41.1	31.0	41.4	41.9	34.8	42.3	45.54	43.1	200	79.5	1	50.9	51.9	44.0	44.7	52.8	46.0	53.1	53.5	45.5	24.0	25.5	* 4				46.5			56.8		
	HT/FT	15.74	6	-	.5	17.20	4		2	2.	19.70	6.	19.14	.5	9	6	3	-	-	21.79	n.	* 4	0				in	m	31			21	- 0	20.62				9	8	2	6			•
	32	.438T	.438T	.375T	.375T	.438T	.375T	.438T	.563T	.406T	.438T	.438T	1694.	.4381	.40 eT	.531T	.4381	1694	1904.	53	1694	. 624T	1000 A	1694	.531T	.531T	1694.	1965.	1959.	.6561	.531T	.5311	.5511	1020	5241	5947	.531T	1694.	.531F	.656T	1965.	.531T	.5311	
	MAL SIZE		1952	1052	1052.	1052		1052			2		31	20	3	3/	2					213/					.313/		375/	375/	375/		1275	3757	12 12	375/	375/	.375/	313/	.375/	.375/	.375/	. 438/	1.70
	-			, ×9		×		XX.	* ×*	××	e x	×.	* × *	8×	2x	*x	8X	2×	X	× 5	Y C	: 3	2.	3	4×	7x	×8	×	× 5	×	× ×	. X8	XO	, XC		6x	×	8 ×	-	, X	×	× ×	9	2
	-	×	10×	10×	×6	×	10×	×6	1 0×	12X	×	1 0×	12X	×6	15X	15x	10X	12x	15x	12x	XXX	124	12x	14X	14X	12x	15x	14×	15x	X .	×	12x	X	1 4×	124	1 4 X	X Y	14x	12X1	14×	1 4×	14×	16X	77

0.2813 - 9/32 in.

9/32

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2813

.281 IN. PLATE (AREA: 3.01 SQ.IN.)

H.		20110			•					MED		LAMBE	とといこの
.500/		797	ZFL	THERTIA	*	Ab	YF	ARFA	DEPTH	THICK		THICK	AREA
	60.65	112.2	15	1462.5	8.4 1	2.9	9.1 1	7.38	21.63	200	11.00	.625	10.96
	59.50	113.3		1467.8	8.5 1	3.0	9.2 1	7.50	21.88	.500	9.00	.075	11.00
.500/	61.20	113.9	158.3	1496.6	8.4 1	3.1	6.9 1	8.00	21.75	.500	10.00	.750	11.02
.500/		113.8	169.8	1497.2	8.4 1	3.2	6.8 1	90.0	21.69	.500	11.00	.688	10.99
.500/		116.3	191.7	1590.2	8.4 1	3.7	8.3 1	9.44	21.69	.500	13-00	.688	10.99
		116.6	192.1	1598.4	8.4 1	3.7	8.3 1	9.50	21.75	.500	12.00	.750	11.0
.500/		116.0	200.4	1646.2	8.4 1	3.9	8.2 2	0.13	21.88	.500	11.00	.675	11.00
.625/		148.6	194.3	2107.9	9.2 1	4.2 1	2 6.01	1.75	24.75	.625	9.80	.750	15.64
1629.		151.0	207.7	2186.3	9.3 1	4.5	10.5 2	2.50	24.75	.625	10-00	.750	15.64
•		153.1	220.7	2263.1	9.3 1	4.8	10.3 2	3.25	24.75	.625	11.00	.758	15.6
. 625/		155.0	228.1	2321.6	9.3 1	5.0	10.2 2	3.75	24.88	.625	10.00	.875	15.73
.625/1.		159.3	2.642	2469.6	9.4 1	5.5	9.9 2	5.13	25.13	.625	9.00	1.125	15.86
-		160.8	273.7	2548.2	9.3 1	6.6	9.3 2	6.38	24.88	.625	13.00	.875	15.7
•		162.3	288.9	2615.3	9.3 1	6.1	9.1 2	7.25	24.85	• 625	14.00	.675	15.73
		163.7	287.8	2651.9	9.3 1	2.9	9.2 2	7.38	25.13	.625	11.00	1.125	15.86
24x12x .625/1.125T		165.6	306.9	2733.0	9.3 1	6.5	8.9 2	8.50	25.13	.625	12.00	1.125	15.68
•		198.3	4.462	3366.0	10.3 1	7.0 1	11.4 2	28.69	28.13	.688	9-00	1.125	19.55
6x .625/ .875T		165.1	318.9	2737.7	9.2 1	9.9	9	29.00	24.88	.625	16.00	.875	15.73
-		198.1	304.9	3382.0 1	10.3 1	7.1	11.1 2	90.6	27.88	.688	12.00	.875	19.31
.688/ .87		2002	321.9	3478.8	10.3 1	7.4 1	2 8.01	96.6	27.88	.688	13.00	.875	19.37
.688/1.12		20402	337.6	3615.1 1	10.3 1	7.7	1	96.0	28.13	.688	11-00	1.125	19.55
		246.2	374.6	4629.3	11.2 1	8.8	•	33.68	30.88	.750	13.00	.875	23.37
27X14X .688/1.125T		21112	401.1	3930.2	10.3 1	9.8	9.8 3	4.31	28.13	.688	14.00	1.125	19.55
		250.7	392.2		11.3 1	9.2	~	4.88	31.13	.750	11.00	1.125	23.56
		213.0	1.224		10.2 1	6.8	2	35.44	28-13	.688	15.00	1.125	19.55
30x12X .750/1.125T		254.0	416.0		11.3 1	9.5	-	36.00	31.13	.750	12.00	1.125	23.56
-		254.0	430.5		11.2 1	9.6	9	36.50	30.08	.750	16.00	.875	23.37
27×16× .688/1.1257		214.8	443.4	.3	10.2 1	9.1	_	36.56	28.13	.688	16.00	1.125	19.55
		259.8	463.0	~	11.3 2	0.1		38.25	31.13	.750	14.00	1.125	23.56
.875/1.37		2.612	432.2	_	11.2 1	19.2	12.4 4	0.00	31.38	.875	10.00	1.375	27.70
.875/1.12		321.3	488.5	6668.9	12.1 2	0.8	13.7 4	2.38	34.13	.875	12.00	1.125	30.11
.875/1.37		323.9	4.89.5	6756.1	12.2 2	0.9	13.8 4	2.63	34.38	.875	10.00	1.375	30.33
.875/1.12		357.9	491.6	7748.3	3.0 2	1.6	15.8 4	2.75	37.13	.875	10.00	1.125	32.73
.875/1.37		328.8	520.9	6986.3	12.2 2	1.2 1	13.4 4	00.4	34.38	.875	11.00	1.375	30.33
.875/1.12	151	329.2	539.5	7035.6	2 2.21	1.4 1	13.0 4	4.63	34.13	.875	14.00	1.125	30.11
.875/1.	T 158.10	377.5	578.4	8629.9	3.2 2	2.9	4 6 4	6.50	37.50	.875	10.00	1.500	33.06
.875/1.37	172	391.7	695.0	9384.7	13.2 2	4.0	13.7 5	0.75	37.38	.875	14.00	1.375	32.9
.875/1.50	183		761.1	9938.7	13.2 2	4.7	13.1 5	4.00	37.50	.875	15.00	1.500	33.0

	SHEAR	AREA	**	.56	**.	69.	• 56	69.	18.	.68	1.06	1.25	1.42	1.06	1.05	1.42	1.23	1.06	1.43	1.42	1.25	1.43	1.25	1.69	1.43	1.67	1.94	2.17	2.41	2.16	2.19	2.45	2.66	2.17	****	2.66	2.41	2.17	2.67	2.66	2.45	2.19	2.69	2.67	2.44	2.42
*****	NGE	THICK	.188	.188	.198	.188	.188	.188	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	.438	.375	.313	.375		313	313	.375	.375	.313	.375	.438	.438	.375	.438	3.16
LONS ***	4	MIOTH	2-00	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00	3.00	4.00	3.00	4.00	00-4	3.00	4.00	4.00	4.00	2.00	3.00	2.00	4.00	3-00	3.00	3.00	4-00	3.00	3.00	3.00		200		5.00	5.00	4.00	5.00	5.00	5.00	4.00	2.00	2.00	
	ME3	THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	.250	.250	.250	052.	0000	250	250	.250	.250	.250	.250	.250	.250	.250	.250	-
*** BEAN		DEPTH	3.19	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	9.44	7.31	6.38	7.44	8.38	9.31	8.31	8.44	9.38	10.31	0.38	****	10.31	9.31	8.38	10.38	10.31	9.38	9.44	10.44	10.38	9.46	
******		AREA		. 88	*6.	1.00	1.06	1.19	1.38	1.50	1.56	1.75	1.81	1.88	1.94	5.06	2.13	2.19	5.25	2.31	2.38	5.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	3.38	3.44	3.50	3.50	3.75	3.81	3.88	4.00	4.06	4.13	4.19	4.25	4.38	****	
		46	5.9	3.8	2.8	4.6	3.6	4.4	3.6	2.7	4.4	5.1	5.9	4.1	4.0	5.6	4.7	3.9	5.5	5.4	4.6	2.5	4.4	4.6	5.0	4.4	2.5	5.9	6.7	5.8	5.8	9.9	7.3	2.1		7.0	6.1	5.4	6.9	6.7	6.0	5.5	6.7	6.5	5.8	
		YP	9.			6.	6.	1.1	1.0	6.	1.3	1.5	1.7	1.5	1.5	1.9	1.8	1.7	2.1	2.2	2.0	5.4	2.3	2.2	5.6	2.3	5.5	2.7	5.9	2.8	5.9	3.1	3.3	3.0		3.5		3.3	3.8	3.9	3.7	3.5	4.1	4.1	4.0	
		œ	1.0	1.3	1.1	1.7	1.5	1.9	1.6	1.3	1.9	2.3	2.6	2.1	2.1	2.8	2.5	2.2	5.9	5.9	2.7	3.1	2.8	2.7	3.2	2.7	3.1	3.4	3.6	3.4	3.5	3.8		2.5		100		3.6	4.3	4.3	4.0	3.7	4.4	*:	.:	
		INERTIA	4.6	8.3	6.1	13.3	10.6	16.9	12.5	9.2	19.8	29.3	36.5	25.2	25.8	44.6	37.6	29.8	50.3	51.7	43.0	58.7	6.84	46.5	9.99	49.5	63.7	17.8	91.8	-	84.2	100.1	116.0	4.60	1001	131.2	116.3	100.3	143.3	145.2	127.7	106.8	154.7	159.0	138.6	
	MODUL US	ZFL	1.6	2.2	2.2	6.2	2.9	3.8	3.5	3.4	4.5	5.7	6.2	6.1	4.9	7.9	8.0	7.6	9.1	9.6	4.6	11.2	11.2	10.1	13.3	11.2	12.2	13.1	13.7	14.1	14.4	15.2	15.9	15.0	100	18.7	6.81	18.7	20.9	21.5	21.4	20.8	23.1	24.3	23.9	
	SECTION	ZPL	8.1	11.2	6.8	14.4	12.0	15.4	12.4	6.6	15.8	19.1	21.7	16.9	16.8	23.0	20.4	17.4	23.8	23.9	21.1	24.7	21.7	21.5	55.4	21.7	25.5	28.3	31.2	58.6	29.0	32.1	35.0	5.62	36.9	26.4	33.6	30.2	37.3	37.4	34.2	30.9	38.1	38.3	35.0	
		-	2.55	5.99	3.20	3.40	3.60	4.05	69.4	5.10	5.30	5.95	6.15	6.39	6.60	7.00	7.24	7.45	7.65	7.85	60.9	8.70	9.15	9.55	62.6	10.20	10.40	10.64	10.85	11.05	11.25	11.49	11.70	11.90	15.10	12.75	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	15.10	
		SIZE	.188T	.188T	.188T	.188T	.188T	.188T	.313T	.313T	.313T	.313T	. 25 OT	.313T	.250T	.250T	. 25 OT	.313T	.313T	.250T	. 31 3T	.313T	.313T	.438T	. 31.31	.375T	.438T	.375T	. 31 3T	.313T	.4381	.375T	. 3131	1575	1000	11.11	31.37	.37.51	.375T	.3131	.3751	.438T	.438T	.37 ST	-438T	
		S			1521.					.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.250/	.188/	-250/	-250/	.250/	.250/	1052.			1052.	1052	1000	2501	250/	.250/	.250/	.250/		.250/		.250/	.250/	
		_	×	×2	3X 3X	×2	3×	3	×2		2×	2%	2X	3×	**	3×	×	×	3×		×	×	2×	×			1x 3x		9x 3x	70	6X 3X	×6	10x 3x		30 76		XS X6	5×	X5 X01		X6		X	10X 5X		

.313 IN. PLATE (AREA= 3.71 SQ.IN.)

SHEAR	2.19	2.69	2.67	2.62	2.19	2.67	2.44	3.40	3.98	2.19	2.69	4.00	2.44	3.98	4.12	5.69	4.00	3.98	4.12		3.98	4.02	;	5.54	5.57	700	5.59	4.86	5.61	5.57	4.02	5.57	5.61	5.54	4.02	2.59	5.57	5.54	70.4	5.61	5.59	5.57	7.38
GETHICK	.638	636	.375	375	.438	.375	.436	. 563	904.	.436	.438	694.	. 438	904.	.531	.438	694.	904.	.531	694.	904.	.531	694.	694.	.531	166.	165	.656	9690	.531	.531	.531	.656	694.	.531	.594	.531	694.	.531	• 656	.594	.531	.531
3		5-00	6.80	7.00	7.00	7.00	7.00		4.00	00-9	7.00	*.00	8.00	2.00	4.00	8.00	2.00	6-00	2.11	9-00	2.00	00-9	7.00	00-4			*	2.00	00-4	2.00	8.00	6-00	2.00	2.00	9.00	6.00	2.00	8.00	10.00	00-9	2.00	00.00	2.00
THICK	.250	250	.250	250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375		375	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438
										9.44								7	10	15.47	15.41	12.53	12.47	14.47	14.53	16.53	14.59	12.66	14.66	14.53	12.53	14.53	14.66	14.47	12.53	14.59	14.53	3	12.53	9	14.59	14.53	16.53
AREA	4.63	6904	4.75		5.06	5.13	5.31	5.38	5.38	5.50	5.56	5.63	5.15	5.78	2.88	9.00	6.19	6.19	6.41	9.59	6.59	96.9	7.03	7.13	7.38	1 . 6	7.63	7.78	7.88	7.91	8.00	9.44	8.53	8.53	8.53	8.81	6	-	9.06	7	9.41		99.6
YF	5.0	4.9	6.3	2.5	4.7	6.0	5.3		7.8	4.5	5.8	7.7	5.0	2.5	7.5	5.5	7.3	7.2	7.1	2.0	6.9	9.9	6.7	8.7		6.0	8.4	6.8	8.3	8.2	2.9		6.2		9.0	1.6	2.5	3.			7.3	7.2	9.5
4	3.8	4.4	*	4.2	4.0	4.7	4.5	4.5	6.4	4.2	5.0	5.1	4.7	2.5	5.3	2.5	5.5	5.5	2.1	2.8	2.8	0.9	6.1	6.1	6.3	* 4	6.5	6.1	2.9	1.9	9.9	7.0	7:1	7:1	6.9	7.3	7.3	4.7	1.1	•		9.	7.7
~	3.8	6.5	4.5	6.2	3.8	4.6	4.3	4.5	5.0	3.9	4.7	5.1	4.3	2.5	2.5	1:1	5.5	5.3	5.3	5.3	5.3	2.4	2.4	2.5	2.0		2.9	5.3	0.9	6.0	5.5	6.0	6.1	9.0	5.5	6.1	6.1	9.1	2.5	6.1	6.1	9.1	6.5
INERTIA	119.2	172.2	173.6	150.4	128.5	186.9	163.0	181.8	230.6	137.0	201.8	545.4	173.5	252.8	259.9	214.7	569.9	273.4	286.3	292.2	292.7	310.2	312.8	358.3	376.8	331.0	394.8	325.9	412.2	411.5	351.5	443.5	451.7	446.8	369.3	465.6	472.1	471.9	385.6	487.0		498.8	572.5
MODULUS							_	28.6	29.5	30.3	34.9	32.0	34.5	33.8	34.6	38.8	36.9	38.0	40.1	41.8	42.3	45.6	46.7	41.5	2.44	1116	47.0	47.6	49.7	50.5	9.99	26.8	57.4	28.0	62.1	61.0	63.0	63.5	67.5	65.1	67.9	2.69	62.5
SECT ION	31.5	39.2	39.2	35.5	31.9	39.8	36.2	40.3	6.94	32.3	9.04	47.9	36.7	48.3	48.8	41.1	49.3	4.64	2005	50.4	20.4	51.3	51.4	28.6	29.7	20.00	60.8	53.1	61.7	61.5	53.0	63.0	63.5	63.1	53.6	64.1	64.3	2.49	54.1	5	2		74.5
11/	.74	36		20	20	3	9	53	53	18.70	18.90	19.14	19.55	19.65	19.99	20.40	20.71	21.05	21.79	22.30	22.41	23.60	23.90	42.42	60.52	25.50	25.94	26.45	26.79	26.49	27.20	28.70	29.00	29.00	29.00	56.62	30.50	30.60	30.80	31.25	31.99	32.30	32.84
SIZE	-638T	.438T	.3751	3	.438T	37	2	56	9	.438T	.438T	1694.	-438T	.406T	.531T	-438T	1694·	-406T	.531T	1694.	.40eT	.531T	1694	1694.	.5311	1156.	1965	.656T	.656T	.531T	.531F	.531T	.656T	1694.	.531T	1765.	. 531T	1694	.5311	.6567	. 594T	.531T	.5317
OMINAL SI	1			12501	.250/	.250/	.250/	.313/	.313/	.250/	.250/	.313/	.250/	.313/	.313/	.250/	.313/				.313/				1912	1212	375/	.375/	.375/	.375/		.375/	.375/	.375/	. 313/	.375/	2	.375/	. 313/	.375/	.375/	.375/	. 438/
NON					8x 7x				12x 4x				X9 X6				15x 5x		2×				12x 7x		X + X + X	12 X AX			172							14x 6x	×		12X10X		14x 7x		6X 5X

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0.3125 - 5/16 in.

SHEAR	AREA	10.97	11.10	11.03	11.00	11.00	11.03	11.10	15.66	15.66	15.66	15.75	15.90	15.75	15.75	15.90	15.90	19.51	15.75	19.40	19.40	19.57	23.39	19.51	23.58	19.57	23.58	23.39	19.51	23.58	27.73	30.14	30.36	32.76	30.36	30.14	33.09	35.98	33.09
39	THICK																		1																			1.375	1.500
FLAN	HIOIH																																						
WEB	THICK	.500	.500	.500	.500	.500	.500	.500	.625	.625	.625	.625	.625	.625	• 625	.625	.625	.688	.625	.688	.688	.688	.750	.688	.750	.688	.750	.750	.688	.750	.875	.875	.875	.875	.875	.875	.875	.875	.875
	DEPTH	21.63	21.88	21.75	21.69	21.69	21.75	21.88	24.75	24.75	24.75	24.88	25.13	24.88	24.88	25.13	25.13	28.13	24.88	27.88	27.88	28.13	30.88	28.13	31.13	28.13	31.13	30.88	28.13	31.13	31.38	34.13	34.38	37.13	34.38	34.13	37.50	37.38	37.50
	AREA	17.38	17.50	18.00	18.06	19.44	19.50	20.13	21.75	22.50	23.25	23.75	25.13	26.38	27.25	27.38	28.50	28.69	29.00	29.06	56.62	30.94	33.88	34.31	34.88	35.44	36.00	36.50	36.56	38.25	40.00	42.38	42.63	42.75	44.00	44.63	46.50	50.75	24.00
	4	9.6	9.6	9.3	3.5	8.7	8.7	9.9	11.2	10.9	10.6	10.6	10.3	9.7	9.6	9.6	9.3	11.8	8.9	11.5	11.2	11.1	12.7	10.1	12.6	6.6	12.3	11.9	9.6	11.6	12.7	14.0	14.1	16.1	13.7	13.4	15.2	14.0	13.4
	4P	12.5	15.6	12.7	12.8	13.3	13.3	13.6	13.8	14.1	14.4	14.6	15.2	15.5	15.8	15.9	16.2	16.6	16.3	16.7	17.0	17.4	18.5	18.3	18.8	18.6	19.5	19.3	18.8	19.8	19.0	20.5	50.6	21.4	21.0	21.1	55.6	23.7	54.5
	œ	8.6	8.6	9.6	8.6	8.6	9.6	9.8	9.4	4.6	8.6	9.5	9.6	3.5	9.5	3.5	9.6	10.5	9.6	10.5	10.5	10.5	11.4	10.5	11.4	10.4	11.5	11.4	10.4	11.5	11.3	12.3	12.3	13.2	15.4	12.3	13.4	13.4	13.4
•	INERTIA	1554.0	1581.0	1613.2	1614.0	1716.8	1725.6	1778.0	2244.4	2331.1	2411.7	2474.4	2633.4	2719.7	2792.5	2831.1	2919.3	3563.1	2925.7	3581.4	3685.0	3829.8	4872.0	4168.1	5056.3	4569.5	5215.5	5241.4	4363.1	5506.4	5025.2	6966.0	7056.1	8071.5	7297.8	7350.8	8990.8	9781.7	10361.7
HODOL US	ZFL	164.0	164.2	173.2	174.7	197.1	197.5	208.2	139.7	213.4	226.7	234.3	256.0	281.0	296.5	535.6	315.1	361.9	327.3	312.6	329.9	346.1	383.4	411.0	401.4	433.0	455.7	440.3	2.454	473.6	441.7	4.98.7	8.664	501.6	531.7	92095	230.0	698.2	175.6
SECTION	ZPL	124.7	125.9	126.6	126.5	159.1	129.5	131.0	162.4	164.9	167.2	169.1	173.7	175.3	177.0	178.5	180.5	214.1	180.0	214.0	216.5	550.4	263.6	227.8	268.3	229.8	271.8	271.8	231.6	277.9	2.962	340.2	345.9	378.0	348.1	348.5	398.3	413.0	453.7
	HT/FT	60.65	59.50	61.20	61.40	66.10	66.30	68.44	73.95	76.50	79.05	80.75	85.44	83.69	95.65	93.09	96.90	97.55	98.60	98.80	101.80	109.20	115.19	116.65	118.59	120.50	122.40	124.10	124.30	130.05	136.00	144.09	164.94	145.35	149.60	151.74	158.10	172.55	183.60
	INAL	.500/	.500/	. 5007 .	. 2007 .	1005.	1005.		.625/	24X10X .625/ .750T	. 625/	24X10X .625/ .875T	24x 9x .625/1.125T	1929.	.625/	•	•	27x 9x .688/1.125T	1929.	.688/	.688/											•	•	•	33X11X .875/1.375T	33x14x .875/1.125T	•	•	36X15X .875/1.500T
֡	SECTION MODULUS	INAL SIZE MI/FT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDTH THICK	SECTION MODULUS INAL SIZE WI/FT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK WIDTH THICK -500/.6257 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.38 21.63 .500 11.00 .625	NEB FLANGE INAL SIZE MI/FT ZPL ZPL INERIIA R YP YF AREA DEPTH THICK MIDTH THICK 5007 .625T 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 .500 11.00 .625 5007 .875T 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.50 21.88 .500 8.00 .875	NEB FLANGE INALUS IN MODULUS TO THE THICK HIGH THICK STOP 5007 6257 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.68 .500 8.00 .625 .5007 .8751 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.50 21.88 .500 8.00 .8750 .5007 .7501 61.20 126.6 173.2 1613.2 8.6 12.7 9.3 18.00 21.75 .500 10.00 .750	NEB FLANGE INAL SIZE MI/FT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDTH THICK .500/ .625T 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 .500 11.00 .625 .500/ .675T 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.50 21.88 .500 8.00 .675 .500/ .750T 61.20 126.6 173.2 1613.2 8.6 12.7 9.3 18.00 21.75 .500 10.00 .750 .500/ .688T 61.40 126.5 174.7 1614.0 8.6 12.8 9.2 18.06 21.69 .500 11.00 .688	INAL SIZE MI/FT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDTH THICK 5007 6257 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.38 21.63 .500 11.00 .625 .5007 .6757 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.5 0 21.88 .500 8.00 .875 .5007 .6887 61.40 126.6 173.2 1613.2 8.6 12.7 9.3 18.00 21.75 .500 10.00 .750 .5007 .6887 61.40 126.5 174.7 1614.0 8.6 12.8 9.2 18.06 21.69 .500 11.00 .688 .5007 .6887 66.10 129.1 197.1 1716.8 8.6 13.3 8.7 19.44 21.69 .500 13.00 .688	NEB FLANGE INAL SIZE NITFT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK HIDTH THICK -500/.6257 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 .500 11.00 .625 -500/.6757 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.50 21.80 .500 8.00 .875 -500/.7507 61.20 126.6 173.2 1613.2 8.6 12.8 9.3 18.00 21.75 .500 10.00 .758 -500/.6887 61.00 126.5 174.7 1614.0 8.6 12.8 9.2 18.06 21.69 .500 13.00 .688 -500/.6887 66.10 129.1 197.1 1716.8 8.6 13.3 8.7 19.44 21.69 .500 13.00 .688 -500/.7507 66.30 129.5 197.5 1725.6 8.6 13.3 8.7 19.50 21.75 .500 12.00 .750	SECTION MODULUS INAL SIZE MIFF	SECTION MODULUS INAL SIZE MIFFI	SECTION MODULUS INAL SIZE MIFFT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDTH THICK *500/ .6257 59.09 124.7 164.0 1554.0 8.6 12.6 9.6 17.36 21.63 .500 11.00 .625 *500/ .6751 59.50 125.9 164.2 1581.0 8.6 12.6 9.6 17.5 21.88 .500 10.00 .750 *500/ .7501 61.20 126.6 173.2 1613.2 8.6 12.7 9.3 18.00 21.75 .500 10.00 .750 *500/ .7501 61.40 126.5 174.7 1614.0 8.6 12.8 9.2 18.06 21.69 .500 11.00 .688 *500/ .7501 66.30 129.5 197.5 1614.0 8.6 13.3 8.7 19.44 21.69 .500 11.00 .688 *500/ .7501 66.30 129.5 197.5 1778.0 8.6 13.3 8.7 19.69 .500 12.00 .750 *500/ .7501 78.95 162.4 199.7 224.4 9.4 13.8 11.2 21.75 .625 9.00 .750 *625/ .7501 76.50 164.9 213.4 2331.1 9.4 14.1 10.9 22.50 24.75 .625 10.00 .750	SECTION MODULUS INAL SIZE MIFFT ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDTH THICK *500/ .6257 59.09 124.7 164.0 1554.0 8.6 12.5 9.6 17.36 21.63 .500 11.00 .625 *500/ .6757 59.50 125.9 164.2 1581.0 8.6 12.5 9.6 17.50 21.88 .500 10.00 .750 *500/ .6757 59.50 125.9 164.2 1581.0 8.6 12.7 9.3 18.00 21.75 .500 10.00 .750 *500/ .6887 61.40 126.5 174.7 1614.0 8.6 12.8 9.2 18.06 21.69 .500 11.00 .688 *500/ .6887 66.10 129.1 197.1 1716.8 8.6 13.3 8.7 19.44 21.69 .500 11.00 .688 *500/ .7507 66.30 129.5 197.5 1775.6 8.6 13.3 8.7 19.50 21.75 .500 12.00 .750 *500/ .7507 7507 75.95 162.4 199.7 2244.4 9.4 13.8 11.2 21.75 24.75 .625 10.0 .750 *625/ .7507 75.95 164.9 213.4 231.1 29.4 14.1 10.6 23.25 24.75 .625 10.00 .750 *625/ .7507 75.95 167.2 226.7 2411.7 9.5 14.4 10.6 23.25 24.75 .625 11.00 .750	NEB FLANGE TANDER SECTION MODULUS SECTION MODILIS SECTION MODULUS SECTION MODULUS SECTION MODULUS SECT	IX -5007 -625T 59.69 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 .500 11.00 .625	IX -501/ -6257 59.09 124.7 164.0 1554.0 8.6 12.6 9.6 17.36 21.63 .500 11.00 .625	NEB FLANGE FLAN	NEB SECTION MODULUS	NEB SECTION MODULUS	NEB FLANGE NUT TATO NUT NUT	NEW SECTION MODULOS SECTION MODULOS	NEW SECTION MODULUS	NEW SECTION MUDILUS NUMBER NEW N	17 17 17 17 17 17 17 17	NEW SECTION MODULUS SECTION MODULUS SECTION MODULUS NEW NEW	NECTION MODULUS IX *500/ *625T 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 *500 11.00 *627 IX *500/ *625T 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 *500 11.00 *675 IX *500/ *655T 59.09 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 *500 11.00 *675 IX *500/ *658T 61.20 125.6 174.7 164.0 8.6 12.8 9.2 18.06 21.75 *500 11.00 *688 IX *500/ *688T 61.40 126.5 174.7 164.0 8.6 12.8 9.2 18.06 21.75 *500 11.00 *688 IX *500/ *688T 61.40 129.5 117.7 16.6 8.6 12.8 9.2 18.06 21.75 *500 11.00 *688 IX *500/ *688T 61.40 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *688 IX *500/ *688T 66.30 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *688 IX *500/ *688T 66.30 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *688 IX *500/ *688T 66.30 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *750 IX *500/ *688T 66.30 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *750 IX *500/ *688T 66.30 129.5 117.7 176.6 8.6 13.3 8.7 19.4 21.69 *500 11.00 *750 IX *500/ *688T 66.30 129.5 117.0 206.2 177.8 11.1 10.9 22.7 21.7 21.8 21.7 21.0 11.0 *750 IX *625/ *750T 76.50 166.9 21.7 224.4 9.5 14.6 10.6 23.7 24.7 6.25 11.00 *750 IX *625/ *750T 76.50 116.9 17.0 296.5 274.4 9.5 15.9 9.6 27.2 24.7 6.2 2	NAME SIZE WITH SECTION MODULOS IN SECTION MODULOS NAME SECTION MODILOS NAME SECTION MODULOS NAME SECTION MODILOS NAME SECTION	NAME SECTION MODELS NUMBER SECTION MODELS NUMBER SECTION MODELS	NATIONAL SIZE NIFFT SECTION MODELUS IX -501/ .0557 59.03 124.7 164.0 1554.0 8.6 12.5 9.5 17.36 21.63 .500 11.00 .625	NATIONAL SIZE NIFT SECTION MODULUS IX -5007 -6257 55.03 124.7 164.0 1554.0 6.6 12.5 9.5 17.36 21.63 50.0 11.00 625	NATIONAL SIZE NIVER SECTION NODELUS 1X 5507 6257 59.09 124.7 154.0 1554.0 6.6 12.5 9.5 17.36 21.63 50.0 11.00 625 RX 5507 6257 59.09 124.7 154.0 1554.0 6.6 12.7 9.5 17.50 21.63 50.0 10.00 675 RX 5507 6567 59.09 124.7 154.0 1554.0 6.6 12.7 9.5 17.50 21.63 50.0 10.00 675 RX 5507 6681 61.20 1254.1 137.1 1514.0 6.6 12.7 9.5 18.00 21.75 50 11.00 688 RX 5507 7501 66.10 1294.1 137.1 1514.0 6.6 12.7 9.5 18.00 21.75 50 11.00 688 RX 5507 7501 66.10 1294.1 137.1 1514.0 6.6 13.3 6.7 19.44 21.69 50.0 12.00 750 RX 5507 7501 7501 66.10 1294.1 137.1 1514.0 6.6 13.3 6.7 19.44 21.69 50.0 12.00 750 RX 5507 7501 7501 66.10 1294.1 137.1 1514.0 6.6 13.3 6.7 19.44 21.69 50.0 12.00 750 RX 5527 7501 7501 76.50 164.9 213.4 286.1 26.1 26.1 21.75 24.75 625 10.00 750 RX 5527 7501 76.50 164.9 213.4 286.1 26.1 26.1 21.75 24.75 625 10.00 750 RX 5527 8751 76.50 164.9 213.4 286.1 24.4 11.6 10.6 23.75 24.8 6.25 10.00 750 RX 5527 8751 76.50 164.9 213.4 286.1 286.1 28.3 6.2 14.8 6.2 10.00 750 RX 5527 8751 76.50 164.9 213.4 286.1 28.3 6.5 13.8 625 14.00 8.75 RX 5627 8751 76.50 164.9 213.4 286.2 12.8 14.6 10.6 23.75 24.8 6.2 10.00 750 RX 5627 8751 76.50 10.75 169.1 28.4 28.6 12.8 14.6 10.6 23.75 24.8 6.2 10.00 8.75 RX 5627 8751 76.50 10.75 10.76 20.0 27.9 5 15.8 10.3 25.1 3 6.2 11.0 11.125 RX 5627 8751 76.50 10.75 10.76 20.0 27.9 5 15.8 10.3 25.1 3 6.2 11.0 11.125 RX 5627 8751 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.	NATIONAL SIZE NIVET SCULON NODULUS NATIONAL SIZE NIVET SCULON NODULUS NATIONAL SIZE NATIONA	NATIONAL SIZE NIFFT Zelon Modellos National Size National Size	NATIONAL SIZE NET SECTION MODULOS NET SECTION MODILOS NET SECTION MOD	NATIONAL SIZE NY F SCTION HOLDON NY SCTION HOL	NATIONAL SIZE NY FIRST SCRIPTION GOOD US NY FIRST SCRIPTION COLORS NY FI	11. SECTION NODE US. 18. THE REAL REPORTS TO THE CORRESPONDED CORRESPO	11. SCT. 100 NOULD 15. The Note of the color	NATIONAL SIZE NYFT SCRINGLOS NYFT SCRINGLOS NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE SIZE NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE SIZE SIZE SIZE NY FOR A REA DEPTH MER HELD NATIONAL SIZE SIZE SIZE SIZE SIZE	NATIONAL SIZE NIVET SCLIAN MODILUS NIVET S

.313 IN. PLATE (AREA= 3.71 SQ.IN.)

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6 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0418879799	0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	900000	64. 71. 57.	n 10 + + n 1	13.5	.55 25.2 10.3 .79 29.9 13.5 .20 25.5 11.4	.4301 9.55 25.2 10.3 .3131 9.79 29.9 13.5 .3751 10.20 25.5 11.4 .4361 10.40 29.5 12.4	.250/ .4361 9.55 25.2 10.3 .186/ .3131 9.79 29.9 13.5 .250/ .3751 10.20 25.5 11.4 .250/ .4361 10.40 29.5 12.4 .250/ .3751 10.64 33.1 13.3
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20004	52.	10. + + m i	13.5	20 25.5 11.4	.313T 9.79 29.9 13.5 .375T 10.20 25.5 11.4 .436T 10.40 29.5 12.4	.186/ .313T 9.79 29.9 13.5 .250/ .375T 10.20 25.5 11.4 .250/ .436T 10.40 29.5 12.4 .250/ .375T 10.64 33.1 13.3 .250/ .313T 10.65 36.4 14.0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3.6	0000	67.	# # m :	11.4	.20 25.5 11.4	.4367 10.20 25.5 11.4 .4367 10.40 29.5 12.4	.2507 .375T 10.20 25.5 11.4 .2507 .436T 10.40 29.5 12.4 .2507 .375T 10.64 33.1 13.3 .2507 .313T 10.65 36.4 14.0
00 00 00 00 00 00 00 00 00 00 00 00 00		3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	664	82	# m	12.4		.436T 10.40 29.5 12.4	.2507 .436T 10.40 29.5 12.4 .2507 .375T 10.64 33.1 13.3 .2507 .313T 10.65 36.4 14.0
		3 3 3 3 4 5 3 5 6	6 4	82			4.0 29.5 12.4	11 11 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.2507 .313T 10.65 35.4 14.0
	7.97.00	3.4	4			13.3	.64 33.1 13.3	C.CT T.CC +6.01	.2507 .3131 10.65 36.4 14.0
11 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2.20	3.3		97	14.0	14.0	165 36.4 14.0	.3131 10.85 36.4 14.0	
	2.0		6.9		14.3	.5 14.3 8	.05 33.5 14.3 0	.3137 11.05 33.5 14.3 6	.250/ .3137 11.05 33.5 14.3 6
00000000000000000000000000000000000000	8.2	3.4	6.6			.9 14.7	23.9 14.7	.4381 11.25 33.9 14.7	.250/ .4367 11.25 33.9 14.7
6 3.44 10.31		3.7	9.9	106.	2	.4 15.5	649 37.4 15.5	.3751 11.49 37.4 15.5	.250/ .3751 11.49 37.4 15.5
9 3.50 6.30	3.0	3.9	3.4	15	2	8 16.2	.70 40.8 16.2	.313T 11.70 40.8 16.2	.250/ .3137 11.70 40.8 16.2
5 3.56 9.44	2.8	3.5		95.	1	.4 16.1	.90 34.4 16.1	.375T 11.90 34.4 16.1	.250/ .3757 11.90 34.4 16.1
5 3.63 10.3A	3.0	3.8	*	115			.10 38.4 17.0	.438T 12.10 38.4 17.0	.2507 .438T 12.10 38.4 17.0
	3.2	4.1	.1	134.	17.6 134	.9 17.8	.34 41.9 17.8	.3751 12.34 41.9 17.8	.2507 .3757 12.34 41.9 17.8
3 3.75 10.31 .	3.3	4.1	-:	140.1	-	.4 19.1	.75 42.4 19.1	.3137 12.75 42.4 19.1	.2507 .3137 12.75 42.4 19.1
6.5 3.81 9.31 .250	3.2	3.9	2	124.	2	19.3	.95 39.0 19.3	.313T 12.95 39.0 19.3	.250/ .3137 12.95 39.0 19.3
5.7 3.88 8.38 .25	3.0	3.6	. 8	107	0 107	0 107	.19 35.4 19.0 107	.375T 13.19 35.4 19.0 107	.250/ .375T 13.19 35.4 19.0 107
0 10.38	3.5	4.3	5	153.5	2	2	.60 43.5 21.3	.3751 13.60 43.5 21.3	.250/ .375T 13.60 43.5 21.3
6 10.31	3.6	6.3	5	155.5	6	.6 21.9	.80 43.6 21.9	.3131 13.80 43.6 21.9	.250/ .3137 13.80 43.6 21.9
4 9.3A	3.5	4.0		137		21.8	04 40.0 21.B	.375T 14.04 40.0 21.8	2507 .375T 14.04 40.0 21.8
74.8	2.5	7.7	4	117	21.2	1 21.2 117	26 36.1 21.2 117	. 478T 14.25 36.1 21.2 117	2507 LIRT 14.25 36.1 21.2 117
*****				-		3.7.7	7.17 1.00 62	7.17 1.00 67.41 1064.	2017 1000 62041 10040 10620
	3.7	* . *	9.9	16	23.5 16	53.5	.45 44.5 23.5	.4381 14.45 44.5 23.5	.2507 .4381 14.45 44.5 23.5
8 10.38	3.8	4:4	6.0	170	24.8 17	44.7 24.8 17	.89 44.7 24.8 1	.3757 14.89 44.7 24.8 1	.250/ .3757 14.89 44.7 24.8 1
6.1 4.44 9.44 .25	3.7	4:1	4.6	14	-	24.4 1	.10 40.9 24.4 1	.438T 15.10 40.9 24.4 1	.250/ .438T 15.10 40.9 24.4 1
0 9.38	3.7	4.1	50.5	=	24.9 15	-	.30 40.9 24.9 1	.3757 15.30 40.9 24.9 1	.250/ .3757 15.30 40.9 24.9 1

0.3438 - 11/32 in.

.344 IN. PLATE (AREA= 4.49 SQ.IN.)

				SECT ION	MODULUS	S							7	ANGE	SHEAR
Š	OMINAL	2	-	-	ZFL	Z	œ	4 P	4.5	AREA	DEPTH	THICK	HIDIM	THICK	AREA
	•	•	2	36.9	24.4	129.1	3.6	3.5			9.44	.250	6.00	.430	2.20
	•	•	2	45.7	27.6	185.6	4.5	4:1		69.4		.250	0	.436	2.70
		•	2	45.7	28.2	187.2	4.5	4.1	9.9	4.75	10.38	.250	6.00	.375	2.68
	•	•	6	41.6	28.0	162.8	4.2	3.9		4.88	m	.250	0	.375	2.43
	•	•		37.4	27.7	139.8	3.8	3.7	5.1	:	9.44	.250	7.00	.438	2.20
	•	•		46.5	31.7	202.2	4.6	4.3	4.9	-	10.38	.250	7.00	.375	2.68
	•	•	-	45.4	31.6	177.1	4.3	4.2	2.6		9.44	.250	7.00	.438	2.45
	•	•		46.7	29.5	196.0	4.5	4.2	6.7	5.38	10.56	.313		.563	3.41
	•	•		54.3	30.5	247.4	5.0	4.6	8.2	5.38	12.41	.313	4.00	904.	3.99
8 X 8)	•	•	-	37.9	30.9	149.5	3.9	3.9		.5	9.44	.250	00.0	.438	2.20
	•	•	-	47.4	35.6	219.1	4.7			5	10.44	.250	7.00	.436	2.70
	•	•	19.14	55.4	2	263.8	5.1	4.8	9.1	5.63	12.47	.313	** 00	694.	4.01
	•	•	19.55	45.9	35.2	169.2	4.3	4.4	5.4	5.75	9.44	.250	8.00	.438	2.45
	•	•		55.8	34.5	272.0	5.1	6.4	6.2	-	12.41	.313	5.00	904.	3.99
	•	•	19.99	56.4	35.3	279.8	2.5	2.0	7.9	5.88	12.53	.313	4.00	.531	4.83
	•	•	20.40	48.0	39.5	233.9	1:4	6.4	5.9	9.00	10.44	.250	8.00	.438	2.70
	•	•	20.71	57.0	37.8	291.1	2.5		7.7	60.9	12.47	.313	2.00	694.	4.01
	•	•	-	57.1	38.9	295.0	5.3		4.6	6.19	12.41	.313	6-00	904.	3.99
	.31	37 .5317		58.0	41.0	309.4	5.3	5.3	7.5	6.41	12.53	.313	2.00	.531	4.03
	•	•	22.30	58.3	42.7	316.0	5.3	5.4	4:2	95.9	12.47	.313	6.00	.469	4.01
	× .313/	•		58.5	43.3	316.6	5.3	5.4	7.3	6.59	12.41	.313	7.00	904.	3.99
	•	•	23.60	59.3	46.6	336.2	5.4	2.5	2.2	9.94	12.53	.313	6.00	.531	4.03
	× .313/	•	23.90	9.65	47.8	339.2	2.4	2.5	7.1	7.03	12.47	.313	7.00	694.	
	•	•		67.1	45.4	386.9	5.8	2.1	9.1		14.47	.375	4.00	694.	5.56
	•	•	-	68.3	45.3	405.3	5.8	6.5		7.38	14.53	.375	÷.0:	.531	5.58
	•	•	•	•	52.3	360.6	5.5	9.0			12.53	.313	2.00	.531	;
	× -313/	•		•	52.8		5.5	9.0	8.9	2	12.47	.313	-	694.	;
	•	•	55.94	69.5	48.2	455.0	2.9			9	14.59	.375	4-00	.594	S
12x 5)	x -375/	•	-	61.1	48.8	352.8	2.4	2.8			15.66	.375	2.00	.656	•
	•	•	56.79	20.6	51.0	444.2	9.0	6.3			14.66	.375	4-00	.656	5
	X .375/	•	-	10.4	51.8	443.6	6.0	6.3		7.91	14.53	.375	2.11	.531	5
	•	•		61.2	57.9	383.1	2.5		9.9	9.00	12.53	.313	8-00	.531	4.03
	•	•			58.2	479.1	6.1	9.9	8.5		14.53	.375	9.00	.531	2.58
2	•	•	-	72.7	58.9	488.1	3.9		8.3	8.53	14.66	.375	2.00	.656	5.63
2	•	•			28.5	485.9	6.1	2.9		6.53	14.47	.375		.469	5.56
6	× .313/	•	-	61.9	63.4	403.4	2.6		4.9		12.53	.313	9.00	.531	4.03
9	•	•			65.5	503.7	6.2	6.9			14.59	.375	6.00	165.	2.60
2	•	•		73.5	64.6	511.1	2.9	7.0	6.2	16.9	14.53	.375	2.00	.531	5.58
	x -375/	•		73.4	2	511.0	6.2				14.47	.375	8.00	694.	5.56
10	•	•	-	65.5	69.0	452.3	5.6	9.9		9.06	12.53	.313	10.00	.531	4.03
9	•	•		74.3	9	527.6	2.9	7.1	6.2	9.19	14.66	.375	9.00	.656	5.63
1	.37	•	-	14.6	9.69	537.8	2.9	7.2	7.7	*	14.59	.375	7.00	.594	5.61
14X 8X	.37	5/ ·531T	32.30	74.7	71.0	541.1	6.2	7.2	1.6		14.53	.375	8.00	.531	5.50
5	.43	•	-	84.3	64.3	615.3	9.9	7.3	9.6	99.6	16.53	.438	2.00	.531	7.39

0.3438 - 11/32 in.

									******	*** BEAM	4 DIMEN		*******	
			SECTION	NODOL US							HEB F	3	NGE	SHEAR
NA	2		ZPL	ZFL	INERTIA	œ	YP		AREA	DEPTH	THICK	I	THICK	AR
•	•		15.8	16.8	8.695		7.5		10.00	14.59	.375	0	*65*	2.
•	•		75.7	77.3	268.7		7.5		10.03	14.53	.375	0	.531	5.
•	•		86.4	71.5	660.2		7.6	~	10.19	16.53	.438	0	.531	-
•	•		87.1	72.2	671.2		7.7	m	10.28	16.66	.438	0	.656	7.
•	•		65.0	76.5	424.4		7.0	6	10.44	12.59	.375	0	.594	;
•	•		76.8	82.3	596.0		7.8	~	10.50	14.66	.375	0	.656	5
•			87.9	76.3	691.4	8.9	7.9	-	10.56	16.59	.438	0	.594	7.
•	•		76.6	83.6	294.4		7.8	-	10.56	14.53	.375	0	.531	5
•	•		88.3	76.2	697.9		7.9	~	10.59	16.72	.438		.719	7.
	•		16.8	83.8	598.4		7.8	-	10.59	14.59	.375	0	165.	5.
•	•		89.2	91.0	721.8		8.1	•	10.94	16.66	.438	0	•656	7.
•	•		99.5	83.2	855.5		9.8	-	11.06	18.53	.438	0	.531	
•			100.3	0.49	868.8	7.5	8.7	2	11.16	18.66	.438	0	.656	
•	•		77.6	9.06	625.1		9.1	6	11.19	14.59	.375	0	.594	5
	•		4.06	85.7	751.1		8.3		11.31	16.72	.438	0	.719	-
•	•		101.2	88.6	8.468		8.8	-	11.44	18.59	.438		.594	•
•	•		101.7	88.4	901.8		6.9	~	11.47	18.72	.438	2	.719	•
•	•		91.2	92.1	715.7		8.5	3	11.75	16.59	.438	0	.594	-
•	•		91.1	32.7	775.2	6.9	8.5	*	11.78	16.53	.438	2	.531	-
•	•		78.4	98.0	4.059	6.3	8.3	9	11.78	14.59	.375	2	.594	Š
•	•		103.3	97.4	949.3	7.6	9.5	~	12.03	18.59	.438	2	165.	•
•	.5317		103.4	33.5	955.5		9.5	9	12.13	18.53	.438	2	.531	•
•	•		104.2	99.1	968.3		9.3		15.19	18.72	.438	2	.719	•
•	•		92.3	100.0	9.609	•	8.8	-	15.31	16.53	.438	2	.531	-
. 438	•		95.5	100.0	813.7	7.0	8.0	-	12.34	16.59	.438	2	.594	
•	•		103.9	102.7	981.6	•	9.6	9	15.47	18.66	.438	2	. 656	•
•	•		79.3	105.4	679.3	6.3	9.0	3	15.47	14.66	.375	2	.656	
•			105.0	107.0	10001		9.5	2	12.66	16.53	.438	2	.531	
		00.44	7300	108.0	*****	•			12.34	10.29	000	2 5		•
2	•		1000	113.5	10440				13.13	10.00	000	2 5		•
1654. X11X01		46.40	96.0	115.7	0.100			2.0	13.56	16.66		9 6	. 656	
• •	• •	66.85	108.3	123.0	1094.3			. 0	13.78	18.66	638	2	989	
•			108.1	123.9	1093.5		10.1		13.81	18.59	.438	0	.594	•
	•		96.2	123.7	923.1		G	5	14.19	16.72	.438	2	.719	-
•	.65	•	96.0	124.4	921.1		9.6	*	14.22	16.66	.438	8	.656	-
•	•		109.7	132.6	1140.6			9	14.44	18.66	.438	2	9699	•
	.71		97.1	132.0	957.3		6	2	14.91	16.72	.438	2	.719	-
•	.65	•	110.9	142.2	1183.9			m	15.09	18.66	.438	2	.656	•
•	. 62	•	132.8	136.8	1480.5		:		15.50	21.63	.500	2	.625	=
. 438	7 .656T		112.0	151.7	1224.2			-	15.75	18.66	.438	2	.656	•
•	•	24.40	134.7	144.9			11.4	9	16.00	21.69	.500	2	.688	ä
	.75	•	136.5	152.7	:		:		16.50	21.75	.500	2	.750	=
•	.62	•	136.8	157.7	9		:	2	16.75	21.63	.500	2	.625	101

.344 IN. PLATE (AREA= 4.49 SQ.IN.)

SECTION
ZPI
38.5
39.8
40.6 177.6
.5
143.8 202
145.4 2
177.6 2
180.3 2
182.8 23
84.8 24
189.7 262.
2
93.3 304.
231.7 309.
10
231.6 320.
234.2 337.9
6
246.2 420.8
287.8 410.6
3
2
2
297.9 484.
16.2 451.
364.1 510.
400.3 512.
369.9 56
.067 9.744

0.3438 - 11/32 in.

			SECTION	SII IIIOM					******	BEA	4 DINENS	ENSIONS **		:
SIZE		/FT	ZPL	ZFL	INERTI	~	YP	¥ E	AREA	•	THICK	į	THI	×
	18	2	10.0	1.	;		.5	3.1	•	3.19	.125		.18	
125/ .1887		2.99	14.2	2.2	6.0	1.2	9.	3.9		4.19	.125	2.00	.18	
		•	18.5				•	2 . 4	•		125	3 6		
1881	181		15.7		11.5	1.3		3.8			.125		188	
125/ .1887	181	•	20.3		18.3	1.7	6.	4.7	-		.125		.188	
	.3131		16.3	3.	13.7	1.4		3.8		•	.188	0	.313	1
	131	•	13.0	3.	10.2	1.2		5.9	-		.188	-	.313	_
•	3131	•	50.9	;	21.6	1.8	1.0	4.7	+	5.31	.188	0	.31	-
•	3131	•	55.6	5	32.0	2.1	1.3	5.4	÷	6.31	.188		.313	-
•	2501	•	29.0	•	39.9		1.4	6.3	÷	7.25	.188	2.00	.250	
•	3131	•	55.6	9	27.8		1.2	4.5	-	5.31	.188	0	.313	
•	2501	•	9.22		58.6	2.0	1.3	4.4	;		.188	0	.250	-
•	2501	•	31.0	•	6.84		1.6	6.0	2	7.25	.188		.251	
•	50T	•	27.5		41.7	5.4	1.5	5.1	2	6.25	.188	4.00	.250	
	.313T	•	23.6		33.3	2.1	1.4	4.3	2	5.31	.188	0	.313	_
	3131	•	32.2	6	55.7	2.7	1.7	9.0	2	7.31	.188	0	.313	_
	.250T		32.4	9.	57.4	2.7	1.8	6.5	2	7.25	.188	4.00	.25	_
	131	•	28.6	6	48.1	5.5	1.7	5.0	2	6.31	.188	0	.31	
	.313T	•	33.5	11.	65.7	5.9	2.0	2.1	2	7.31	.188	-	.31	
	.3131	•	5.62	11:	2.55	5.6	1.9		2	6.31	.188	-	.31	-
. 250/ .	.4381		29.0	-	52.3	5.5	1.6	2.0	2	9.44	.250	3.00	.43	_
	.3131	•	34.6	13.	75.3	3.0	2.2	2.5	2	7.31	.188	-	.313	
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.375 IN. PLATE (AREA= 5.34 SQ.IN.)

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126 438T 438T 438T 438T 438T 458B 458B 458B 458B 458B 458B 458B 458B 458B 458B 468B 458B 468B 458B 468B 458B 468B 458B 468B 458B 468B 4	MODOLUS	ZFL	24.8	28.0	28.7	28.5	28.1	35.2	32.1	29.8	30.8	31.4	36.1	33.4	35.7	35.5	36.0	40.2	58.5	23.0	41.0	44.1	47.5	48.7	43.4	46.3	200	69.3	6.64	52.1	52.9	29.0	56.5	2.09	2009	9.0	200	56.5	70.3	68.2	71.1	72.5	
128 438 438 438 438 438 438 458 458 468 468 468 468 468 468 468 46	SECTION	ZPL	42.7	52.8	52.8	48.1	43.4	53.7	49.1	53.7	62.2	43.9	24.8	63.5	1.64	64.0	2.49	52.5	5.50	6.60	66.9	86.8	68.0	68.0	76.3	7.7	2.60	7.62	69.69	80.2	80.0	2002	81.9	95.6	82.0	71.0	23.5	83.6	71.7	84.4	84.8	84.8	
$ \begin{array}{c} N \\ N \\ S \\ \mathsf$		HT/FT	15.74	15.95	16.15	16.59	17.20	17.44	18.05	18.29	18.29	18.70	18.90	-4	2	9	9	20.40	20.71		LN			23.90	24.24	25.09	25.40	0			•	27.20	28.70	29.00	29.00	29.00	20.93	30.50	30.60	31.25	31.99	32.30	
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.375 IN. PLATE (AREA = 5.34 SQ.IN.)

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$\bar{\mathbf{z}}$	SECTION	MODOLUS							MEB	FLA	FLANGE	SHEAR
	ZPL	ZFL	INERTIA	~	YP	YF	AREA	DEPTH	THICK	HIDIM	THICK	AREA
15	53.6	172.4	1787.5	8.9	11.6	10.4	17.38	21.63	.500	11.00	.625	11.00
155	55.0	172.8	1818.3	8.9	11.7	10.5	17.50	21.88	.500	8-00	.875	11.13
155.8		182.1	1857.9	6.9	11.9		16.00	21.75	.500	10.00	.750	11.06
155	1.	183.6	1859.3	8.9	11.9		18.06	21.69	.500	11.00	.688	11.03
158	6.	207.1	1984.2	8.9	12.5		19.44	21.69	.500	13.00	.688	11.03
159.3	.3	207.6	1994.3	9.0	12.5		19.50	21.75	.500	12-00	.750	11.06
161.1	-	216.8	2057.2	9.0	12.8		20.13	21.88	.500	11-00	.875	11.13
194.2	2.	210.0	2535.2	2.6	13.1		21.15	24.75	.625	9.00	.750	15.70
197	-	224.3	2635.9	4.6	13.4		22.50	24.75	.625	10-00	.750	15.70
199.	1	238.2	2729.6	9.6	13.7		23.25	24.75	.625	11.00	.750	15.70
201.9	6	246.2	2801.9	9.8	13.9		23.75	24.88	•625	10.00	.875	15.78
207	2	269.1	2985.9	6.6	14.4		25.13	25.13	•625	9.00	1.125	15.94
209.1	-	234.9	3089.8	6.6	14.8		26.38	24.88	.625	13.00	.875	15.78
211.	0	311.2	3175.9	6.6	15.1		27.25	24.88	• 625	14.00	.875	15.78
212.6	9	310.5	3218.9	6.6	15.1	10.4	27.38	25.13	.625	11.00	1.125	15.94
214.9	6	330.9	3323.2	6.6	15.5		28.50	25.13	.625	12.00	1.125	15.94
250.	6	316.8	3990.8	10.8	15.9		58.69	28.13	.688	00 -6	1.125	19.61
214.5	2	343.3	3333.8	6.6	15.5		29.00	24.88	. 625	16.00	.875	15.78
250.	8	327.7	4014.2	10.8	16.0		59.06	27.88	.688	12.00	.875	19.44
253.	9	345.7	4133.3	10.8	16.3		56.62	27.88	.688	13.00	.875	19.44
258.0		362.8	4297.8	10.9	16.7	11.8	30.94	28.13	.688	11.00	1-125	19.61
303.	6	401.0	5403.6	11.7	17.8	13.5	33.88	30.88	.750	13.00	.875	23.44
566	2	430.5	4689.3	10.9	17.6	10.9	34.31	28.13	.688	14-00	1.125	19.61
309.2	2	419.8	5.6095	11.8	18.1		34.88	31.13	.750	11.00	1.125	23.63
268.5	2	453.5	4807.7	10.9	17.9		35.44	28.13	.688	15.00	1.125	19.61
313.0	0	445.1	8.6825	11.8	18.5		36.00	31.13	.750	12.00	1.125	23.63
313.0	0	460.0	5821.9	11.8	18.6	15.7	36.50	30.88	.750	16.00	.875	23.44
270	9.	475.6	4916.7	10.8	18.2	10.3	36.56	28.13	.688	16.00	1.125	19.61
319.8		6.464	6120.1	11.8	19.1	15.4	38.25	31.13	.750	14.00	1.125	23.63
337.4	3	461.3	6187.7	111.7	18.3	13.4	00.05	31.38	.875	10.00	1.375	27.79
384.3	m	519.8	7623.5	12.6	19.8	14.7	42.38	34.13	.875	12.00	1.125	30.19
387.2	2	521.1	7720.3	12.7	19.9	14.8	42.63	34.38	.875	10.00	1.375	30.41
424.7	-	522.6	8787.1	13.5	20.7	16.8	42.75	37.13	.875	10.00	1.125	32.82
392.8		554.1	7988.3	12.7	20.3	14.4	00.44	34.38	.875	11.00	1.375	30.41
393.3		573.4	8049.8	12.7	20.5	14.0	44.63	34.13	.875	14.00	1.125	30.19
446.6	9	614.0	9792.8	13.7	21.9	15.9	46.50	37.50	.875	10.00	1.500	33.14
462	5	725.7	10666.8	13.8	23.1	14.7	50.75	37.38	.875	14.00	1.375	33.04
474	2	805.9	11307.0	13.8	23.8	14.0	54.00	37.50	.875	15.00	1.500	33.14

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.438 IN. PLATE (AREA= 7.27 SQ.IN.)

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6 6.1 6.2 6.1 6.1 6.2 6.1 6.1 6.2 6.1 6.1 6.2 6.2 6.1 6.2
3.1 .94 3.19 .125 3.00 .188 3.7 5.0 1.06 5.19 .125 2.00 .188 3.7 5.0 1.06 5.19 .125 3.00 .188 3.7 4.9 1.06 5.31 .188 3.00 .188 4.1 5.0 1.06 5.31 .188 3.00 .313 4.2 5.0 1.06 5.31 .188 3.00 .313 4.1 5.0 1.06 5.31 .188 3.00 .313 4.1 5.0 1.06 5.31 .188 3.00 .313 4.1 5.0 2.0 7.25 .188 5.0 .313 4.1 5.0 2.0 7.25 .188 5.0 .313 4.1 5.3 2.0 7.31 .188 5.0 .313 4.1. 5.0 2.0 7.31 .188 5.0 .313
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2 6 4.0 1.06 4.19 .125 3.0 .186 3 7 7.0 1.19 5.19 .125 3.0 .186 1 7 3.0 1.56 5.31 .188 2.0 .131 1 1.5 1.56 5.31 .188 2.0 .313 1 1.5 1.56 5.31 .188 2.0 .313 1 1.5 5.7 1.66 5.25 .188 2.0 .313 1 1.5 6.4 2.06 7.25 .188 4.0 .258 1 5.6 2.06 7.25 .188 4.0 .258 1 5.6 2.31 7.25 .188 4.0 .258 1 5.6 2.31 7.25 .188 4.0 .258 1 5.2 2.6 7.31 .188 4.0 .258 1 5.2 2.6 7.31
5 4.9 1.19 5.19 -125 3.01 -188 6 7 4.0 1.56 5.31 -188 2.01 -313 1.1 5.7 1.56 5.31 -188 2.01 -313 1.1 5.7 1.56 5.31 -188 2.01 -313 1.1 4.6 1.94 5.25 -188 2.01 -313 1.1 4.6 1.94 5.25 -188 4.01 -258 1.1 4.6 1.94 5.25 -188 4.01 -258 1.2 6.5 2.13 6.25 -188 4.01 -258 1.5 6.2 2.06 6.31 -188 4.01 -259 1.6 6.2 2.06 7.34 -250 -188 4.01 -251 1.6 6.2 2.06 6.31 -188 4.01 -251 1.6 6.2 2.06 7.34 -251 <
3.7 4.0 1.36 4.31 .166 2.0 .313 1.2 5.7 1.56 5.31 .188 2.0 .313 1.2 6.5 1.01 7.25 .188 2.0 .313 1.1 6.7 1.06 5.31 .188 2.0 .313 1.1 6.6 7.25 .188 3.0 .253 1.1 6.6 7.25 .188 3.0 .253 1.2 6.6 7.25 .188 4.0 .253 1.2 6.7 2.19 5.25 .188 4.0 .253 1.2 6.3 2.13 6.25 .188 4.0 .253 1.5 6.3 2.13 6.25 .188 4.0 .253 1.5 6.5 7.31 .188 4.0 .253 .231 .255 .188 4.0 .253 1.5 6.2 2.13 7.4 .256 7.4 .256
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2.9 6.9 4.50 9.38 .250 6.00 .375

.438 IN. PLATE (AREA= 7.27 SQ.IN.)

	Ξ	•	~	~	~	2	~	2.70	~	2	3	2	2	;		•	•	2.72	•	4.02	4.06	40.4	•	•	•		5.61		4.04	2.64	16.4	99.6	5.61	•	•	2.66	5	4.06	2.64	5.61		4.06	99.5	5.64	9		3	
*****	NGE	THICK	.438	.438	.375	.375	.438	.375	.430	.563	904.	.438	.438	694.	.438	904.	.531	.438	694.	904.	.531	694.	904.	.531	694.	694.	.531	.531	694.	165.	969.	•656	.531	.531	.531	. 656	694.	.531	.594	.531	694.	.531	•656	165.	.531	.531	*65*	
	7	Ξ	8	0	0	00	2	7.00	0	0	0	0		4.00	00.0	2.00				6.00	-		7.00	9.00		4.00	0	0		4-00	0		2.00	0	6.00		2.00	0	6-00	0	8.00	10-00	6.00	7.00	8.00	2.00		
M DIMENS	MEB	THICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	. 313	.313	.375	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438	.438	
BEA	200	_			-	-		10.38		-					9.44		12.53		12.47		10	12.47	12.41	12.53	12.47	14.47	14.53	12.53	15.47	14.59	15.66	14.66	14.53	12.53	14.53	14.66	14.67	12.53	14.59	14.53	14.47	12.53	14.66	14.59	14.53	16.53	16.59	
******		AREA	4.63	69.4	4.75		-	5.13	~	~	~	.5	.5	9.		-		-			*	.5		6.		7	~	*	.5	9.	~	•	7.91	•					•		•	•	7	:	.5	9		
		4	6.1	7.7	7.6	6.7	5.9	7.3	6.5	7.6	9.2	5.7	7.2	9.1	6.3	6.9	9.0	6.9	8.8	9.8	9.6	8.5	4.0	8.3	8.2	10.2	:	:	4.9	10.0	8.3	9.0	4.4	2.	4.6	9.5		1.5	9.5	9.1	9.0	2.3	9.1	6.9	8.8	10.0	10.6	
		4						3.5					3.7							4.2	4.3	*:	4:4	*:	1:4	4.7	6:4	2.0	2.0	5.1	4.0	2.5	5.3	2.5	2.6	2.0	2.0	2.5	2.0	2.9	2.9	2.5	9.0	6.1	6.1	6.2	4.9	6 in.
		œ	3.6	4.3	4.3	4.0		4.4		4.3	4.8	3.8	4.5	6.4	4.2	2.0	2.0	4.6	5.1	5.1	5.2	5.5	5.5	5.4	5.4	2.6	2.1	5.5	2.5	2.8	5.3	2.9	2.9	2.6	9.1	1.0			2.9					6.3	6.3	9.9	6.7	- 7/16
	2	INERTIA	154.6	220.0	222.2	194.9	169.0	242.2	214.1	233.4	291.7	182.6	264.7	312.3	230.8			285.0							411.1			6	:		27.	35.	532.5		578.8	-	-		-	-				-		737.6	773.5	0.4375
	?	ZFL	25.4	28.7	29.4	29.1	28.7	33.0	32.8	30.6	31.8	32.1	37.0	34.4	36.6	36.3	37.2	41.1	39.7	40.8	43.1	44.9	45.4	49.0	50.1	45.0	48.0	6.45	55.4	51.1	91.6	54.1	24.8	200	61.6	4.29	6.29	999	66.1	58.3	68.8	72.4	9.02	73.6	15.0	68.5	72.8	
	SECT TON	74Z	55.4	68.3	68.3	62.4	56.4	9.69	63.7	69.1	19.6	57.2	71.1	61.3	9.49	82.0	82.9	72.1	83.8	84.0	85.3	1.58	85.7	87.3	87.4	1.96	98.5	6.88	80.7	1001	88.8	101.6	11.	90.	103.9	:	104.0	. 16	105.5	12.	105.7	92.2	107.1	107.5	107.6	116.9	20	
		HT/FT	15.74	15.95	16.15	16.59	17.20		18.05		18.29	18.70					19.93	20.40	20.71	21.05	21.79	22.30	22.41	23.60	23.90	24.24	52.09	25.40	25.50	25.94	54.92	56.79	56.89	27.20	28.70	29.00	00.62	29.00	29.95	30.50	30.60	30.00	31.25	31.99	32.30	32.84	33.90	
		SIZE	.4381	.438T	.3751	.37 ST	.4381	.3751	.4381	. 563T	.40 6T	.438T	.436T	1694.	.438T	.40 6T	.531F	-438T	1694.	.406T	. 531F	1694·	.406T	.531F	1694.	.469T	.531T	.531T	1694·	. 594T	.656T	· 656T	.531T	.5311	-5317	1929	1694	.5311	1965	.531T	1694.	.531T	.656T	1965.	.531T	.531T	. 594T	
		AAL	1052.	.250/	.250/	.250/	.250/	.250/	.250/	.313/	.313/	.250/	.250/	.313/	.250/	.313/	.313/	1052.	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.375/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	1616	.313/	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.438/	.438/	
		HON	8 ×9	2X	X9 X0	X2 X6	×	10x 7x	×6		2x	×		2x			12x 4x						×	12x 6x	12x 7x	×	×	X	12x 8x		12x 5x			XX					14x 6x	* X	4X 8X	2X1	_			16X 5X		

	-	SECTION								***	FLAN	100	,
		-			•	•	-						1
	-	747	47	7	×				DEPTH	THICK	HIDIM	THICK	-
196	2	109.5	81.2	99	9.4	•		-	14.59	.375	9.00	.594	4
311	-	109.1	91.	98	4.9			-	14.53	.375	9.00	.531	S
311	2	121.8	76.	95.	2.9	•		_	16.53	.438	6.00	.531	-
.656T	35	122.7	77.	.80	6.8	•			16.66	.438	5.00	.656	_
594T		1.46	90.7	567.4	5.7	•			12.59	.375	10-00	.594	•
656T	2	110.7	97.	35.	4.9	•	8.5	10.50	14.66	.375	8.00	.656	
1465	2	123.8	81.	35.	6.8			10	16.59	.438	6.00	.594	-
5317	:	110.3	.88	34.	4.9			-	14.53	.375	0	.531	5
1617	=	124.4	81.2	842.8				-	16.72	.438	5-00	.719	-
1965	=	110.7	.88	39.	4.9				14.59	.375	0	.594	
656T	2	125.7	86.2	874.3	6.9			-	16.66	.438	0	.656	2
5317		139.1	.99	027.					18.53	.438	6.00	.531	
656T	*	140.0	1.69	1044.2	7.5				18.66	.438	0	.656	
1965	2	111.9	96	776.	6.5				14.59	.375	0	*65*	2
7197	5	127.4	91.		7.0				16.72	.438	0	.719	
1965		161.3	96	077.					18.59	638		.594	
7191	2	141.9	36						18.72	438		.719	
1965	2	128.4	97.	945					16.59	.438	8.00	765	2
5317	5	128.3	98.5	945.5	7.0				16.53	438	9006	531	
1965	2	113.0	103.		6.5				14.59	.375		.594	5
1465	2	144.2	103.	1148.2	7.7				18.59	.438	7.00	.594	
531T	41.24	144.3	105.6		7.7	8.0	11.0	12.13	18.53	.438	8.00	.531	
719T	Š	145.3	105.	172.	7.8				18.72	.438	6.00	.719	•
531T	2	129.9	106.	-		•			16.53	.438	10.00	.531	
1969	9	130.3	106.	4					16.59	.438	9.00	.594	
656T	•	145.2	109.	-			10.9		18.66	.438	7.00	.656	•
656T	•	114.3	111.	-					14.66	.375	0	9690	Š
531T	*	146.5	113.	1215.6	7.8				18.53	.438	0	.531	
59 4T	0	131.9	114.	-					16,59	.438	0	.594	
656T	*	148.7	120.	12			10.5		18.66	.438	8.00	•656	•
1465		133.3	122.	088.					16.59	.438	0	.594	:
65 6T	10	133.7	122.	.460					16.66	.438	0	•656	
656T		150.9	130.	338.					18.66	.438	0	•656	•
294T	2	150.7	131.	338.					18.59	.438	0	.594	•
719T	2	135.3	131.	144.					16.72	.438	0	.719	-
656T	2	135.1	132.	145.					16.66	.438	0	.656	-
656T		152.7	141.						18.66	.438	0	•656	•
7191	23	136.6	141.	:					16.72	.438	0	.719	-
656T	31	154.4	151.	6		•			18.66	.438	0	•656	•
62 ST	2	180.1	146.	-					21.63	.500	0	.625	:
556T	25	155.9	161.	;		•			18.66	.438	0	969.	÷
688T		182.7	154.						21.69	.500	0	.688	11.
750T	0	185.0	163.	;					21.75	.500	0	.750	=
62 5T	6.95	185.4	158.			6	-		21.63	600	•	. 6.2E	-
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12.1 17.4 14.2 34.8 31.13 750 11.00 1.125 7 11.2 17.2 11.4 35.44 20.13 .686 15.00 10.125 9 12.2 17.7 13.6 36.50 30.80 .750 16.00 10.125 11.2 17.4 11.1 36.56 20.13 .686 16.00 10.25 12.2 18.4 13.2 36.25 31.13 .750 14.00 10.125 12.2 18.4 13.2 36.25 31.13 .750 14.00 10.125 13.0 19.1 15.4 42.63 34.33 .875 10.00 10.125 13.8 20.0 17.6 42.63 34.34 .875 10.00 10.125 13.8 20.0 17.6 42.63 34.36 .875 10.00 10.125 13.1 19.6 15.2 44.00 34.36 .875 14.00 10.125 14.1 21.2 16.7 44.63 34.36 .875 14.00 10.125 14.2 22.4 15.5 64.65 37.36 .875 14.00 10.125 14.2 22.2 <td< td=""><td>6.899 7</td></td<>	6.899 7
7 11.2 17.2 11.4 35.44 28.13 .688 15.00 1.125 3 12.2 17.7 13.8 36.00 31.13 .750 12.00 1.125 3 12.2 17.7 13.8 36.00 31.13 .750 12.00 1.125 1 12.2 18.4 13.2 38.25 31.13 .750 14.00 1.125 1 12.0 17.7 14.2 40.00 31.38 .875 10.00 1.125 3 13.0 19.1 15.4 42.38 34.13 .875 12.00 1.125 1 13.8 20.0 17.6 42.5 37.13 .875 10.00 1.375 1 13.0 19.6 15.2 44.00 34.38 .875 10.00 1.375 1 13.0 19.8 14.8 44.63 34.13 .875 14.00 1.375 1 4.2 22.4 15.5 54.07 37.30 .875 14.00 1.375 1 4.2 22.4 15.5 54.07 37.30 .875 14.00 1.375 1 14.2 22.4 15.5 54.07 37.30 .875 14.00 1.375	
3 12.2 17.7 13.8 36.00 31.13 750 12.00 1.125 3 12.1 17.6 13.5 36.50 30.88 .750 16.00 .875 3 12.2 17.4 11.1 36.56 28.13 .750 14.00 1.125 1 12.2 18.4 13.2 36.25 31.13 .750 14.00 1.125 1 12.0 17.4 42.38 34.13 .875 10.00 1.375 1 13.0 19.2 15.6 42.83 34.13 .875 10.00 1.125 1 13.8 20.0 17.6 42.75 37.13 .875 10.00 1.255 2 13.1 19.6 15.2 44.00 34.38 .875 11.00 1.125 1 13.0 14.6 14.6 51.0 37.50 .875 14.00 1.125 1 14.2 22.4 15.5 51.75 37.30 .875 14.00 1.125 1 14.2 22.2 14.8 54.00 37.50 .875 14.00 1.500 1 1	3
3 12.1 17.6 13.5 36.50 30.86 .750 16.00 .875 3 11.2 17.4 11.1 36.56 28.13 .686 16.00 1.125 1 12.2 18.4 13.2 38.25 31.13 .687 10.00 1.125 5 12.0 17.7 14.2 40.00 31.36 .875 10.00 1.375 7 13.0 19.2 15.6 42.63 34.13 .875 10.00 1.375 1 13.8 20.0 17.6 42.75 37.13 .875 10.00 1.125 2 13.1 19.6 15.2 44.00 34.36 .875 11.00 1.125 8 13.0 19.8 14.8 44.63 34.13 .875 14.00 1.125 1 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.375 1 14.2 23.2 14.8 54.00 37.50 .875 14.00 1.575	463.9
3 11.2 17.4 11.1 36.56 28.13 .688 16.00 1.125 1 12.2 18.4 13.2 38.25 31.13 .750 14.00 1.125 1 13.0 19.1 15.4 42.38 34.33 .875 12.00 1.375 1 3.0 19.2 15.6 42.63 34.34 .875 10.00 1.375 1 13.8 20.0 17.6 42.75 37.13 .875 10.00 1.125 2 13.1 19.6 15.2 44.00 34.36 .875 14.00 1.255 1 19.8 14.6 44.6 33.34.13 .875 14.00 1.125 1 14.1 21.2 16.7 44.6.63 34.36 .875 14.00 1.256 1 44.2 22.4 15.5 56.075 37.38 .875 14.00 1.580 1 44.2 23.2 14.8 54.00 37.50 .875 15.00 1.580	7 479.1
12.2 18.4 13.2 36.25 31.13 .750 14.00 1.125 5 12.0 17.7 14.2 40.00 31.38 .875 10.00 1.375 3 13.0 19.2 15.4 42.63 34.33 .875 10.00 1.375 1 13.8 20.0 17.6 42.75 37.13 .875 10.00 1.375 2 13.1 19.6 15.2 44.00 34.36 .875 14.00 1.375 6 14.1 21.2 16.7 44.63 34.13 .875 14.00 1.375 1 14.2 22.4 15.5 50.75 37.36 .875 14.00 1.50 1 14.2 22.4 15.5 50.75 37.36 .875 14.00 1.375 1 14.2 22.4 15.5 50.75 37.36 .875 14.00 1.500	8.564 7
6 12.0 17.7 14.2 40.00 31.36 .675 10.00 1.375 3 13.0 19.1 15.4 42.36 34.13 .675 12.00 1.125 1 13.6 20.0 17.6 42.75 37.13 .875 10.00 1.275 2 13.1 19.6 15.2 44.00 34.36 .875 11.00 1.375 3 13.0 19.8 14.6 44.65 37.50 .875 14.00 1.255 4 14.2 22.4 15.5 50.75 37.36 .875 14.00 1.375 4 14.2 23.2 14.8 54.00 37.50 .875 14.00 1.375 4 14.2 23.2 14.8 54.00 37.50 .875 14.00 1.500	3 515.5
3 13.0 19.1 15.4 42.36 34.13 .075 12.00 1.125 7 13.0 19.2 15.6 42.63 34.36 .675 10.00 1.375 1 13.8 20.0 17.6 42.75 37.13 .675 10.00 1.125 2 13.1 19.6 15.2 44.00 34.36 .075 11.00 1.375 3 13.0 19.8 14.8 44.63 34.13 .675 14.00 1.125 6 14.1 21.2 16.7 46.50 37.50 .675 10.00 1.125 6 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.500 1 14.2 23.2 14.8 54.00 37.50 .675 15.00 1.500	9.084 4
7 13.0 19.2 15.6 42.63 34.36 .075 10.00 1.375 1 13.8 20.0 17.6 42.75 37.13 .675 10.00 1.125 2 13.1 19.6 15.2 44.00 34.38 .675 11.00 1.375 3 13.0 19.8 14.8 44.63 34.13 .875 14.00 1.125 6 14.1 21.2 16.7 46.50 37.50 .675 10.00 1.500 6 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.575 6 14.2 23.2 14.8 54.00 37.50 .675 15.00 1.500	436.4 540.8 8346.
1 13.8 20.0 17.6 42.75 37.13 .075 10.00 1.125 2 13.1 19.6 15.2 44.00 34.36 .675 11.00 1.375 3 13.0 19.8 14.8 44.63 34.13 .675 14.00 1.125 6 14.1 21.2 16.7 46.50 37.50 .075 10.00 1.500 6 14.2 22.4 15.5 50.75 37.38 .075 14.00 1.375 6 14.2 23.2 14.8 54.00 37.50 .675 15.00 1.500	439.5 542.4 8452.
2 13.1 19.6 15.2 44.00 34.38 .075 11.00 1.375 13.0 19.8 14.8 44.63 34.13 .875 14.00 1.125 14.0 1.125 14.0 1.21.2 16.7 46.5 37.50 .875 11.0 1.50 1.50 14.2 22.4 15.5 50.75 37.38 .875 14.0 1.375 14.2 23.2 14.8 54.0 37.50 .875 15.0 1.500	479.8 543.8 9576.
8 13.0 19.8 14.8 44.63 34.13 .875 14.00 1.125 6 14.1 21.2 16.7 46.50 37.50 .875 10.00 1.500 6 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.375 4 14.2 23.2 14.8 54.00 37.50 .875 15.00 1.500	445.6 576.5 8751.
6 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.500 1.375 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.375 14.2 23.2 14.8 54.00 37.50 .875 15.00 1.500	3 536.3
6 14.2 22.4 15.5 50.75 37.38 .875 14.00 1.375 4 14.2 23.2 14.8 54.00 37.50 .875 15.00 1.500	2
.2 14.8 54.00 37.50 .875 15.00 1.500	3 753.6 1
	.9 836.5 12363

0.4375 - 7/16 in.

*****	ž		.188	.188	.188	.188	.186	.188	.313	.313	.313	.313	.250	.313	.250	. 250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	.458	212	375	.438	.375	.313	.313	.375	.375	.313	.375	.438	.438	.375	
:	3		2.00										2.00	=	=	_	_		3.00				2.00		2.00						3.00													=	
DIMENS	MEB	THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	•250	•250	350	0220	250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	
*** BEAN		-	3.19	-	7	7	7	7	.3				2.	3	2	2	2	3	m	2	M	3	m	9.44	M	m.	1.44	8.38	9.31	8.31	**	3.50	8.38	9.44		M	m	M	M	m	M	*	3	M	ı
******		AREA	.75	. 88	•		•																	•			•	•			3.31	•											.2	F.	•
		AF	3.3	4.2	3.5	5.1	4.1	5.0	4.2	3.2	5.0	5.9	6.7	6.4	4.8	9.9	5.6	4.8	9.9	6.5	5.6	4.9	2.4	2.6	6.2	5.5	4.9	7.2	8.0	1:1	7.		2.0	7.9	8.7	8.6	7.7	6.8	8.5	9.4	7.5	6.7	8.4	8.3	
		4	*			9.		2.		9.		6.	1.0	6.	6.																														ı
		œ		1:0		1.2	1:1	1.4	1.2	1.0	1.5	1.8	2.0	1.7	1.7	2.2	2.0	1.8	2.3	5.4	2.2	5.5	2.3	2.2	2.7	2.3	5.6	2.8	3.1	5.9	6.2	3.5	3.0	3.3	3.6	3.6	3.4	3.2	3.8	3.8	3.6	3.3	3.9		
		-	5.5																63.4	9.59	55.4	15.8	4.49	6.09	61.9		-		-	-	111.0														
	MODOLUS	u																				11.9	:		;	2		;	;		15.5	•	17.0						2	3.	3	2	2		
	SECTION	ZPL	12.6	18.9	14.9	25.8	21.7	29.5	23.3	18.5	30.8	38.6	2.44	34.2	34.5	48.0	42.7	36.5	50.4	50.8	6.44	53.5	6.94	45.7	52.5	46.5	24.0	9.09	9999	61.5	4.70	24. 0	63.5	70.8	77.1	78.2	72.4	6.59	100	6.08	74.6	67.7	82.7	83.3	
		MT/FT	2.55	5.99	3.20	3.40	3.60	4.05	4.63	5.10	5.30	56.5	6.15	6.39	6.60	7.00	7.24	7.45	7.65	7.85	8.09	8.70	9.15	9.55	9.7	2.0	4.0	9.0	8.0	1.0	11.63		100	2.1	2.3	2.7	5.9	3.1	3.5	3.3	4.0	4.2	4.4	4.8	
		IZE					7		.313T	.313T	.313T	.313T	.250T	.313T	. 25 OT	.250T	.250T	.313T	.3131	.250T	.313F	.313T	.313T	.4381	.3131	.3751	.4381	.3751	. 3131	. 3131	1775	24.25	37.51	.4381	.3751	.313T	.313T	.3751	.3751	.313T	.375T	.438T	.4381	.3751	
		INAL S	1521.								•	•	.188/	•	-	•	•	•	•	•	.188/	•		.250/		•	1952	•		•		•	• •	•	•	•	.2	•	.25	•		.25		. 25	
		z	3x 2x										7x 2x				8x 4x					7X 4X			7x 5x						0 X 2 X 0			9x 3x				×	1.3.	×	9x 5x	×	×	10X 5X	

0.

in.

-1/2

2000

in.

5000

57

.. 500 IN. PLATE (AREA = 9.50 SQ.IN.)

	SHEAR	AREA	11.07	11.19	11.13	11.10	11.10	11.13	11.19	15.78	15.78	15.78	15.86	16.02	15.86	15.86	16.02	16.02	19.70	15.86	19.53	19.53	19.70	23.54	19.70	23.72	19.70	23.72	23.54	19.70	23.72	27.90	30.30	30.52	32.93	30.52	30.30	33.25	33.15	33.25
******	MGE	THICK	.625	.875	.750	.688	.688	.750	.875	.750	.750	.750	.875	1.125	.875	.875	1.125	1.125	1.125	.875	.875	.875	1-125	.875	1-125	1.125	1.125	1.125	.875	1.125	1.125	1.375	1.125	1.375	1-125	1.375	1.125	1.500	1.375	1.500
	FLANGE	WIDTH	11.00	8-00	10.00	11.00	13.00	12.00	11.00	9.00	10.00	11.00	10.00	9.00	13.00	14.00	11.00	12.00	9.00	16.00	12.00	13.00	11.00	13.00	14.00	11.00	15.00	12-00	16.00	16.00	14.00	10-00	12.00	10.00	10-00	11.00	14.00	10.00	14.00	15.00
DIMENSIONS	MEB	THICK	.500	.500	.500	. 500	.500	.500	.500	.625	.625	.625	.625	•625	.625	• 625	.625	• 625	.688	. 625	.688	.688	.688	.750	.688	.750	.688	.750	.750	.688	.750	.875	.875	.875	.875	.875	.875	.875	.875	.875
*** BEA		DEPTH	21.63	21.88	21.75	21.69	21.69	21.75	21.88	24.75	24.75	24.75	24.88	25.13	24.88	24.88	25.13	25.13	28.13	24.88	27.88	27.88	28.13	30.88	28.13	31.13	28.13	31.13	30.88	28.13	31.13	31.38	34.13	34.38	37.13	34.38	34.13	37.50	37.38	37.50
****		AREA	17.38	17.50	18.00	18.06	19.44	19.50	20.13	21.75	22.50	23.25	23.75	25.13	26.38	27.25	27.38	28.50	28.69	29.00	29.06	29.94	30.94	33.88	34,31	34.88	35.44	36.00	36.50	36.56	38.25	00.04	42.38	42.63	42.75	09.44	44.63	46.50	50.75	24.00
		45	12.2	12.3	12.0	11.9	11.4	11.4	11.3	13.8	13.5	13.2	13.1	12.8	12.2	11.9	15.1	11.7	14.3	11.4	14.0	13.7	13.6	15.2	12.6	15.1	12.3	14.7	14.3	12.0	14.0	15.0	16.3	16.4	18.5	16.0	15.6	17.6	16.3	15.6
		4 V	10.0	10.1	10.3	10.3	10.6	10.9	1111	11.4	11.8	12.1	12.3	12.8	13.2	13.5	13.6	13.9	14.3	14.0	14.4	14.7	15.1	16.2	16.1	16.6	16.4	16.9	17.0	16.7	17.6	16.9	18.4	18.5	19.2	18.9	19.0	20.4	21.6	55.4
		œ	9.5	8.2	9.3	9.3	4.6	3.4	4.6	10.0	10.1	10.2	10.3	10.4	10.4	10.4	10.5	10.5	11.4	10.5	11.3	11.4	11.5	12.3	11.6	15.4	11.6	12.5	15.4	11.6	15.5	12.3	13.3	13.3	14.1	13.4	13.4	14.4	14.5	14.6
		INERTIA	2259.6	2238.5	2355.6	2358.7	2535.1	2548.2	2635.5	3145.2	3278.5	3403.1	3497.6	3740.9	3887.7	4006.0	4059.0	4203.1	4922.8	4224.6	4959.1	5115.8	5327.4	6585.8	5850.3	6843.6	6010.8	7075.8	7123.6	6158.6	7503.4	7462.2	9121.4	9234.3	10418.1	9567.0	9650.2	11635.3	12716.1	13507.2
	MODULUS	ZFL	185.8	196.5	196.3	197.9	223.0	223.6	233.8	227.9	243.2	258.1	266.8	291.8	319.1	336.6	336.3	358.3	343.7	371.1	355.0	374.3	393.1	434.0	465.8	454.5	9.064	481.6	0.164	514.4	534.8	499.1	561.2	563.0	564.5	598.2	618.4	662.1	780.8	866.5
	SECT ION	ZPL	226.7	228.6	229.8	229.7	234.2	234.8	237.3	274.7	278.6	282.1	285.0	292.0	294.6	2.762	299.3	302.4	344.1	301.6	344.1	347.7	353.3	4.904	364.1	412.9	367.0	417.8	417.9	369.7	426.3	440.8	4.964	1.664	543.3	9.905	507.3	9.695	588.9	602.7
		MT/FT	60.65	29.50	61.20	61.40	66.10	66.30	68.44	73.95	76.50	79.05	80.75	85.44	89.68	95.65	93.99	96.90	97.55	98.60	98.80	101.80	105.20	115.19	116.65	118.59	120.50	122.40	124.10	124.30	130.05	136.00	144.09	144.94	145.35	149.60	151.74	158.10	172.55	183.60
		12E	16291	15 78.			.688T	. 750T					1978.	.625/1.125T		.875T	.625/1.125T	.625/1.125T	.688/1.125T	.625/ .875T	.875T	1578. \888.	.688/1.125T	1578. \021.	.688/1.1257	. 750/1-1257	.688/1.125T	. 750/1.125T	.7507 .875T	.688/1-125T	.750/1.125T	.875/1.375T	.875/1.125T	.875/1.375T	.875/1.125T	.875/1.3757	.875/1.125T	.875/1.500T	.875/1.3757	1.500T
		NOMINAL SIZE	.500/	.500/	.500/	.500/	.500/	.500/	.5007	.625/	.625/	.629	.625/	•625/	.625/	.625/	.6251	.625/	.688/	.625/	.688/	.666/	.688/	.750/	.688/	.750/	.688/	.750/	.750/	1989	.750/	1918.	.875/	.875/	.875/	.875/	1518.	1878.	.875/	1918.
		INON	21X11X	21X 8X	21×10×	21X11X	21×13×	21X12X	21X11X	24X 9X	24×10×	24X11X	24×10×	26 X 9X	24×13×	24X14X	24X11X	24×12×	27X 9X	24X16X	27×12×	27×13×	27×11×	30X13X	27×14×	30×11×	27X15X	30×12×	30×16×	27×16×	30×14×	30×10×	33X12X	33×10×	36X10X	33X11X	33×14×	36×10×	36×14×	36×15×

.563 IN. PLATE (AREA= 12.02 SQ.IN.)

SHEAR	AREA	14.	. 59	14.	.72	.59	.72	-92	.73	1.10	1.29	1.47	1.10	1.09	1.47	1.28	1.10	1.40	1.47	1.29	1.40	1.29		1.46				2.47		2.25	5.49	27.2	2.50	2.74	2.72	2.47	2.24	2.74	2.72		52.2	2.75	2.74	2.50	64.2	
ANGE	HICK	.188		.186	.188	.188	.188	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	. 313	.438	•375	.313	43.	375	.313	.313	.375	.375	.313	.375	.436	.438	.375	.438	.375	
FLA		2.00	2.00	3.00	2.00	3.00	3.00	2-00	3.80	2.00	2.00	2.00	3.00	4.00	3.00	4.00	***	3.00	4.00	4.00	4.00	2.00	3.00	2.00	4.00	3.00	3.00	3.00	4.0	3.00	3.00	3.0	3.00	3-00	4.00	5.00	5.00	4.00	2.00	2.00	2.00	4.00	2.00	2.00	6.00	
WEB	THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.166	.188	.188	.188	.188	.166	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	.250	052.	052.	250	250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	
	DEPTH	3.19	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	6.44	7.31		7.44	8.38	9.31	8.31	9.44	9.38	10.31	9	10.38	10.31	9.31	8.38	10.38	10.31		9.44	10.44	10.38	9.44		
	AREA	.75	.86	*6.	1.00		1.19	1.38	1.50	1.56	1.75	1.01	1.68	1.94	5.06	2.13				2.38	2.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31		***						:	4.06	4.13	-	4.25		4.4.4	4.50	
	YF	3.3	4.3	3.3	5.5	4.2	5.1		3.3	5.5	9.0		5.0		6.8	5.8	6.4	6.8	6.7	5.0	9.9	2.1	5.8	6.5	2.1	9.9	7.5	8.3	7.3	4:	8.3	9.1			6.9	8.0	7.1	6.9	8.8	4.9	7.0	8.8	8.7	7.8	7.7	
	YP	*	.5	.5	9.	9.	9.	9.	9.	2.	•	6.		6.			6.	1.1	1:1	1.1	1.3	1.2	1.2	1.4	1.3		1.5	1.6	1.5	1.6	1:1				1.9	1.9	1.6	2.1		2.0		2.2		2.2	2.2	
	œ	.7	6.	•	1.1	1:0	1.3	1.1	1.0	1:4	1.6	1.8	1.5	1.6	2.0	1.9	1.7	2.2	2.2	2.0	2.3	2.1	2.1	5.5	2.1	2.4	2.7	5.9	2.7	2.8	3.0	3.5	3.1	3.3	3.4	3.2	3.0	3.6	3.6	3.4	3.1	3.7	3.7	3.5	3.5	
6-576	INERTIA	5.8	10.2	7.8	16.2	13.3	21.0	16.1	12.3	25.3	37.4	40.4	33.1	34.1	57.7	49.8	40.3	66.3	9.89	58.1	79.5	61.9	64.2	95.6	4.69	88.2	106.9	125.2	112.8	117.0	138.1	159.1	150.4	•	183.4	165.1	144.9	203.4	206.7	184.9	160.1	222.6	30.	204.2	206.3	
MODULUS	ZFL	1.8	2.4	2.4	3.1	3.2	4.1	3.8	3.8	6.4	6.2	6.7	9.9	6.9	6.9	9.8	8.2	9.6	10.3	10.1	12.0	12.0	11.0	14.3	12.2	13.3	14.3	15.1	15.4	15.7	10.	17.5		19.2	20.5	20.7	20.3	23.0	23.6	23.4	22.7	55.4	26.6	26.2	26.7	
SECTION		13.4	20.5	16.2	28.5	24.0	32.7	26.1	20.8	-	44.5	51.1	39.5	39.9	56.1	6.64	42.7	59.3	60.0	52.9	63.2	55.7	54.1	66.3	55.3	64.3	72.4	19.7	73.6	7.5	95.6	69.6	85.2	92.6	94.3	67.3	79.5	97.5	~	2.06	61.9	100.2	0	92.9	6.26	
•	HIVET	N	5.99	3.20	3.40	3.60	4.05	4.69	5.10	5.30	5.95	6.15	6.39	6.60	7.00	7.24	7.45	7.65	7.85	60.0	8.70	9.15	9.55	61.6	10.20	10.40	10.64	10.85	11.05	11.25	11.49	2.11	12.10	12.34	12.75	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	15.10	15.30	
	32	.188T	.188T	.188T	.1887	.188T	.188T	.313T	.313T	.313T	.313T	.250T	.313F	.250T	-250T	.250T	.313T	.313T	.250T	.313T	.313T	.3131	.438T	.313T	.3751	.438T	.375T	. 31.3T	.3131	.4381	.3751	. 31.31	LAZAT	3751	.3137	.3131	37	.375T	.3131	.375T	.438T	.438T	.375T	.438T	.375T	
	OMINAL SIZE	15			.125/																188/				-250/	.250/	.250/	.250/	-250/	.250/	1052.	1052.	250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	
	NON	2×	2×	×		×	3×	×	×	2X	2×	X2	×	×	3	×	×	3×	×	×												X 2 X 0		X		X6			×			XO				

SHEAR	30.00	5.25	5.75	2.74	5.49	2.25	2.74	2.50	3.48	4.06	2.25	2.75	4.08	2.50	4.06	4.10	2.75	\$0.4			4.06			5.64	5.66	4.10	4.08	5.68	4.96	2.71	2.00	2.66	5.71	5.64	4.10	5.68	2.66	5.64	4.10	5.71	5.68	99.6	1.49	Š
THICK		. 430	.438	.375	.375	.438	.375	.438	.563	904.	.438	.438	694.	.438	904.	.531	.438	694.		166.	404		694	694	.531	.531	.469	.594	•656	.656	156.	. 5.31	.656	694.	.531	.594	.531	694.	.531	•656	.594	.531	. 531	.594
7.5		00.0	2.00	6.00	7.00	2.00	2.00	7.00	00-7	4.00	8.00	7.00	00-4	8.00	2.00	0	8.00	9	9				7.00	4.00	4.00	•	0	0	2.00	500	20.00			7.00	0	0	•	0	0	0	•	•	•	0
THICK		0620	062.	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	. 313		212	212	.313	.375	.375	.313	.313	.375	.375	.375	. 57.5	375	375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438	.430
DEPTH	177	***	10.44	10.38	9.38	9.44	10.38	9.44	10.56	12.41	9.44	10.44			12.41	10		15.47	17.41	16.55	12.41	15.51	12.47	14.47	14.53	12.53			12.66	14.66	19.55	14.53	16.66	14.47	12.53	14.59	14.53	14.47	12.53	14.66	14.59	14.53	16.53	16.59
AREA		20.4	69.4	4.75		•	7.		.3		5.50	.5	.5	-	5.78		-			:	6.50	. 0	7.03	7		*	.5	9	-				2	.5	.5		6	•	:	7	:	S	9.66	O
¥			•				8.3										•	•				•	4.6			•	•			•		10.7				10.5							15.1	
4															3.0				•				3.7				•					1		4.5	4.3	4.6	4.7	4.7	4.6	4.0	4.9	6:4	2.0	2.5
α		? .	2.9	3.9	3.7	3.6	4.1	3.6	3.9	4.4	3.5		4.5	3.9	4.6	4.7	4.3						5.1	5.3	5.4	2.5	2.5	2.5	5.1	2.0	0 .	S. 8	2.9	5.8		6.6		9.9			6.1	6.1	4.9	6.5
THERT		190.0	254.1	257.1	257.2	198.7	282.4	251.7	271.5	336.6	216.6	311.3	362.0	273.7	375.5	387.4	338.1	406.1			440.5			35.	~	2	•			:	: .	6.89.8		9	606.3					772.7			877.6	
MODULUS	200	7.97	1.62	30.4	30.1	29.7	34.1	33.9	31.8	33.1	33.1	38.2	35.9	37.8	37.8	38.7	45.5	41.3	6.5		12.2	2	52.2	47.3	50.5	57.1	27.6	53.7	24.0	20.0	52.3	200	65.5	6.59	69.3	69.4	71.6	72.1	15.4	74.1	17.2	78.6	72.5	17.0
SECTION		5.40	103.8	103.9	95.1	86.2	106.3	91.6	104.5	120.0	87.8	108.9	122.8	99.3	124.0	125.4	110.8	126.9	127.5	129.5	130.00	130.1	132.9	144.8	147.6	135.4	135.2	150.2	134.0	152.5	135.6	156.1	157.3	156.4	139.5	158.7	159.3	1.651	141.2	161.1	161.9	162.0	176.2	179.1
		*	32	2	6	2	:	15	0	6	0	0		25	22	33	9	2	2	2		1 5	23.90	4	60	9	20	\$	2	2		9	9		9	2		0	=	2	2	2	1	2
STZE	4200		.4381	.3751	.375T	.4387	.3751	.438T	. 563T	.406T	.4381	.438T	1694·	.438T	.406T	. 531T	.438T	1694	1904	1100	1404.		1694	1694.	.531T	.531T	1694.	1965	.656T	1929	5311	5317	.6561		•	•	•	1694.	.531T	.656T	1965.	•	.5311	•
		1000	1952	.250/	.250/	.250/	.251/	.250/	.313/	.313/	.250/	.250/	.313/	-250/	.313/	.313/	-250/	.313/	1913	1010	72.2	12.5	313/	.375/	.375/	.313/	.313/	.375/	.375/	.375/	1212	375/	.375/	.375/	.313/	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.439/	.438/
MONTHAL					9x 7x				X4 X0				2x 4x	100			10× 8×				2 X 2X		12X 7X		100						124 64							14X 8X	12×10×	* 6×	14x 7x	×	16X 5X	

.563 IN. PLATE (AREA= 12.02 SQ.IN.)

	~	•						_		9		_		9	2			6				_	_		2	_	_	•	1		_		.							~			2	9		9	
	EA	ARE	2.66	5.66	7.49	7.54	4.93		7.51	9.	7.57	5.68	7.54	2	8.42	5.68		m	8.45	7.51	*	9			*	7.49	7.51	8.42	5.71		5	:	5		M		5	8.4	7.51	8.45	11.1	8.4	11.1	-	-	7	
*****	NGE	THICK	.594	.531	.531	.656	.594	.656	.594	.531	.719	.594	.656	.531	969.	.594	.719	.594	.719	.594	.531	.594	.594	.531	.719	.531	.594	.656	• 656	.531	.594	• 656	.594	969.	165	.719	.656	.656	.719	.656	.625	.656	.688	.750	.625	.750	
:	5					2.00		8-00	6-00	10.00	5.00	9.00	6.00	6-00	2.00	10-00	6.00	6.00	5.00	8.00	9.00	11.00	2.00	8.00	9.00	10.00	9.00	7.00	11.00	9.00	10.00	9.0	11-00	10.01	10.00	10.00	11.00	10.00	11.00		0	0		0	•	0	
DIMENSIONS	WEB	THICK	.375	.375	.438	.438	.375	.375	.438	.375	.438	.375	*438	.438	.438	.375	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	000	£ 38	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500	.500	
*** BEAY		4	.5	.5	.5	9	12.59	14.66	16.59	14.53	16.72	14.59	16.66	18.53	18.66	.5	-	.5	18.72	5		14.59	18.59	.5	18.72	.5	16.59	18.66	14.66	2		9	in .	10.00	18.59	-	16.66	9	16.72	18.66	21.63	9	21.69	21.75	21.63	21.75	
******		RE	:		7	2		5	.5	.5	.5	10.59	6		7	7		11.44	*	11.75	1	1	-	12.13	7	12.31	12.34		3		6			13.56		-	14.22	*	6		15.50	-		16.50		2	
		YF	10.0	6.6	11.8	11.9	8.3					9.7			13.2	9.5	11.4		13.0		11.1	9.3	12.6	12.5	15.7	10.8	10.9	15.5			10.6	15.1	10.4	***	11.8	10.2	10.2	11.6	10.0		13.9		13.7			13.2	
		4	2.5	2.5	5.3	5.3	4.9	5.4	5.5	5.4	5.5	5.4	5.7	0.9	6.1	5.7	5.8	6.2	2.9	6.0	0.9		6.5		9.9	6.3	6.3		6.1	6.8	6.5	7.1		0 .	7.7		7.1	7.7	7.3	1.9	8.3	8.2	9.6	8.8	8.9	9.1	in.
		œ	6.2	6.2	6.5	9.9	9.6	6.3	6.7	6.3			6.8	7.3	7.3	4.9	6.9	7.4	7.5	7.0	6.9	6.5		7.6		7.1	7.1		•		7.2		7.2	?:				8.1	7.4		8.9			9.1	9.1	9.5	- 9/16
		INERTIA	850.1	849.2	951.3	968.1	4.669	898.2	1002.7	497.4	1012.1	903.7	1053.6	1230.6	1251.0	955.3	1103.2	1294.9	1304.6			1005.2	1386.5	1398.2	1416.9	1210.4	1216.6	1447.2	1062.1	1475.9	1282.2	1549.7	1342.6	9 0	1639.5	18.	9	1724.1		1804.4	2161.4	8	25	34	37	2475.3	0.5625
	HODOLUS	ZFL	85.1	92.6	80.5	81.4	84.4	91.3	85.8	35.5	85.8	92.8	91.1	94.0	95.1	100.6	96.4	100.1	100.1	103.3	103.9	108.5	109.8			111.9	112.0		117.0			127.6	129.5	1.63.1	139.3	138.7	139.4	149.1	149.0	159.8	155.8	170.5	164.9	173.8	179.1		
	SECT ION	ZPL	164.6	164.4	180.6	181.8	143.8	166.9	183.5	166.4		99	186.3		2.902	•			209.0	•		170.7			•				•	215.9	195.8	219.1		196.4		200.9	200.6	225.1	202.9		259.8			266.7	67.		
							35.50					-	-	37.60																			46.00												56.95	8.6	
				531T			1465.			5311	719T		656T	531T	656T	1965	7197	1465	719T	594T	531T				.719T						1465.		1465.	1960.	. 594T	7117	.656T	.656T	.719T	.656T	· 625T	.656T	.688T	.750T	• 62	. 75	
		AAL	.375/	.375/	.438/	438/	.375/	.375/	.438/	.375/	.438/	.375/	.438/	.438/	.438/	.375/	.438/	.438/	.438/	.438/	.438/	.375/	.438/	.438/	.438/	.438/	.438/	.438/	.375/	.438/	.438/	438/	.438/	1984	438/	.438/	.438/	.438/	.438/	.438/	.500/	.438/	.500/	.5007	.5007	1005.	
																																	16×11×												-		

.563 IN. PLATE (AREA= 12.02 SQ.IN.)

								******	*** BEA4	M DIMENSIONS		*******	
		SECTION	MODOLUS							MEB	FL	FLANSE	SHEAR
INAL SI	WT/FT	ZPL	ZFL	INERTIA	œ	4 A		AREA	DEPTH	THICK	HIDIM	THICK	AREA
21X11X .5007 .625T		270.5	191.0	2484.3	3.5	9.5		17.38	21.63	.500	11.00	.625	11.10
21X 8X .5007 .875T		272.7	131.8	2527.3	9.3	9.3		17.50	21.88	.500	8.00	.875	11.22
. 500/	2.	274.2	201.8	2593.8	9.3	9.6	12.9	18.00	21.75	.500	10.00	.750	11.16
. 5007 .		274.1	203.4	597	9.3	9.6		18.06	21.69	.500	11.00	.688	11.13
. 5007 .		279.5	259.5	2802.0	4.6	10.0		19.44	21.69	.500	13.00	.688	11.13
•	66.30	280.1	229.8	2816.7	9.5	10.1		19.50	21.75	.500	12.00	.750	11,16
. 5007		283.1	240.4	2917.2	9.6	10.3		20.13	21.88	.500	11.00	.675	11.22
24x 9x .625/ .750T		323.2	235.2	3445.9	10.1	10.7	14.6	21.75	24.75	.625	9.00	.750	15.82
.625/		327.7	250.9	3596.9	10.2	11.0	-	22.50	24.75	.625	10.00	.750	15.82
24X11X .625/ .750T	79.05	331.7	266.2	3738.4	10.3	11.3		23.25	24.75	.625	11.00	.750	15.82
•		335.1	275.3	3845.1	10.4	11.5	0	23.75	24.88	• 625	10.00	.875	15.90
.625/1		343.1	301.2	4120.9	10.5	12.0	1.	25.13	25.13	.625	9.00	1.125	16.06
24X13X .625/ .875T	69.64	346.2	329.1	4292.2	10.6	12.4		26.38	24.88	•625	13.00	.875	15.90
1929.	92.65	349.2	347.0	4428.7	10.6	12.7		27.25	24.88	.625	14.00	.875	15.90
.625/1	93.09	351.6	347.0	4487.0	10.7	12.8	12.9	27.38	25.13	.625	11.00	1.125	16.06
24X12X .625/1.125T	96.90	355.2	369.7	4653.7	10.7	13.1		28.50	25.13	.625	12.00	1.125	16.06
•	97.55	4.004	355.2	5400.5	11.5	13.5		58.69	28.13	.688	9.00	1.125	19.74
.625/	98.60	354.6	382.6	4682.0	10.7	13.2		29.00	24.88	.625	16.00	.875	15.90
•	98.80	400.5	366.7	5444.1	11.5	13.6		29.06	27.88	.688	12.00	.875	19.57
•		404.6	386.5	5622.2	11.6	13.9	2	59.94	27.88	.688	13.00	.875	19.51
	2.	410.9	406.0	5860.2	11.7	14.3		30.94	28.13	.688	11.00	1-125	19.74
30x13X . 7507 . 875F	115.19	468.3	448.6	7204.4	12.5	15.4	_	33.88	30.88	.750	13.00	.875	23.58
		423.2	4.80.9	6458.8	11.8	15.3	13.4	34.31	28.13	.688	14.00	1.125	19.74
•		475.6	469.9	7491.5	12.6	15.8	15.9	34.88	31.13	.750	11.00	1.125	23.77
	120.50	456.6	506.5	6643.8	11.8	15.6	13.1	35.44	28.13	.688	15.00	1.125	19.74
		481.2	497.7	7753.6	12.7	16,1	15.6	36.00	31.13	.750	12.00	1.125	23.77
	-	481.3	513.4	7810.7	12.7	16.2	15.5	36.50	30.88	.750	16.00	.875	23.58
		4.29.7	531.0	6814.4	11.8	15.9	12.8	36.56	28.13	.688	16.00	1.125	19.74
•	130.05	8.064	552.6	8237.5	12.8	16.8	14.9	38.25	31.13	.750	14.00	1.125	
•		503.4	516.4	8142.2	12.5	16.2	15.8	40.00	31.38	.875	10.00	1.375	
		564.2	580.4		13.5	17.6	17.1	42.38	34.13	.875	12.00	1.125	30.36
33X10X .875/1.375T	144.94	567.9	582.4	10047.2	13.6	17.7	17.3	45.63	34.38	.875	10.00	1.375	30.57
36×10× .875/1.1257		615.2	564.1	11293.9	14.4	18.4	19.3	42.75	37.13	.875	10.00	1.125	32.98
33X11X .875/1.375T	149.60	575.5	618.6	10417.5	13.6	18.1	16.8	44.00	34.38	.875	-	1.375	30.57
33X14X .875/1.125T		576.3	639.2	10513.6	13.6	18.2	16.4	44.63	34.13	.875	14.00	1.125	
36X10X .875/1.500T		644.1	664.8	12633.0	14.7	19.6	18.4	46.50	37.50	.875	10.00	1.500	33.30
36x14x .875/1.375T	172.55	665.4	806.7	13835.0	14.8	20.8	17.1	50.75	37.38	.875	14.00	1.375	33.20
.875/1.50		9.089	895.0	14715.3	14.9	21.6	16.4	24.00	37.50	.875	15.00	1.500	33.30

0.5625 - 9/16 in.

7	*.	9					2		0	N	0		0			0	5	~	5		9 6		m	5	N	5		0 W	1	M	0	-	-	5	2	_
A R YP YF AREA DEPTH THICK WIDTH 2 .6 .4 3.4 .75 3.19 .125 2.00 7 .8 .5 4.3 .0 4.19 .125 2.00					1.30	1.4	1:1	1:1	1.2	1.12	1.4	1.4	1.3	1.49	1.7	1.4	1.7	2.0	2.2	2.4	2.2	2.5	2.7	2.2	2.5	2.7	***	2.2	2.7	2.7	2.5	2.2	2.7	2.7	2.5	5.5
A R YP YF AREA DEPTH THICK WIDTH 2 .6 .4 3.4 .75 3.19 .125 2.00 7 .8 .5 4.3 .88 4.19 .125 2.00	.188	.188	.313	. 313	.313	.250	.313	.250	.250	.313	.313	.250	.313	.513	438	.313	.375	.438	.375	.313	.513	.375	.313	.375	.438	.375	27.2	375	.375	.313	.375	.438	.438	.375	.438	.375
A R YP YF AREA DEPTH THICK 7 .8 .6 .4 3.4 .75 3.19 .125 7 .8 .5 4.3 .88 4.19 .125	3.00	3.00	2.00	3.00	2.00	2-00	3.00	00.4	00	4.00	3.00	4.00	4.00	9	3.00	5.00	4-00	3.00	3.00	3.00	900	3.00	3.00	4.00	3-00	3.00	200	200	4.00	5.00	2.00	2.00	4.00	2.00	2.00	9-00
A R YP YF AREA DEPT 2 .6 .4 3.4 .75 3.15 3.15 3.15 3.15 3.15 3.15 3.15 3.1	.125	.125	.188	188	.188	.188	.188	188	188	.188	.188	.188	.188	188	.250	.188	.250	.250	.250	.250	250	.250	.250	.250	.250	• 250	052.	250	.250	.250	.250	.250	.250	.250	.250	.250
A YP YF ARE	3.19	6.19	4.31	5.31	6.31	7.25	5.31	2.25	6.25	5.31	7.31	7.25	6.31	7.31	6.64	7.31	6.38	7.44	8.38	9.31	8.51	9.38	10.31	8.38	9.44	10.38	10.31	8.3A	10.38	10.31	9.38	8.44	10.44	10.38	9.44	9.38
A	1.00	1.19	1.38	1.56	1.75	1.81	1.88	1.94	2.13	2.19	2.25	2.31	2.38	2.56	2.81	2.88	3.00	3.06	3,13	61.0	3.25	3.38	3.44	3.50	3.56	3.63	2002	3.8	4.00	4.06	4.13	4.19	4.25	4.38	***	4.50
4 0 L	5.3		4.3	2 . 4	6.2	7.0	2.5	5.1	6.0	5.1	6.9	6.8	2.9	•	9.9	6.7	6.5	6.8	7.7	0.5	1:0	8.5	9.6	7.5	8.5	6.0	3.6	7.4	9.2	9.1	8.2	7.3	9.1	9.0	8.1	0.0
TIA R 65.2 .6	ñ. ô.	5.9	9.	9.	•	•				6.	1:0	1.0	1.0	::	1:1	1.3	::	1.2	1.3	*:	1:4	1.5	1.6	1.5	1.6	1.7		1	1.9	1.9	1.8	1.7	2.0	2.0	2.0	2.0
411A	1:0	1.2	1:0		1.5	1.7	1.4	1.0	1.7	1.6	2.0	2.0	1.9	2.2	1.9	2.3	2.0	2.3	5.2	2.7	9.2	2.8	3.0	2.7	5.9	3.1	200	2.8	3.4	3.4	3.2	3.0	3.5	3.5	3.3	3.3
IN	16.8	13.9	16.8	15.0	38.8	47.9	4.4	55.5	51.7	45.0	2.89	71.2	60.5	70.8	67.0	9.96	72.6	92.0	111.4	130.3	127.1	144.0	165.7	131.7	157.5	162.0	191.5	151.9	212.8	216.4	193.9	168.4	233.4	242.1	214.7	217.0
MODULUS ZFL 1.8 2.5	3.5	3.2	3.9	2.0	6.3	8.9	2.9	9.6	8.7	8.3	6.6	10.4	10.2	12.1	11.2	14.5	15.4	13.5	14.5	15.3	15.0	16.9	17.7	17.5	18.6	19.5	2000	20.6	23.3	23.9	23.7	23.0	25.7	27.0	56.5	27.0
2PL 2PL 14.0 21.6	30.5	35.6	28.3	38.6	49.7	57.4	2.44	64.7	56.6	48.3	8.79	9.89	60.5	64.2	62.1	6.92	63.8	74.5	0.48	92.7	87.0	86.3	105.0	89.1	49.7	108.8	100.	43.4	114.6	115.2	106.3	4.96	118.3	119.3	109.7	109.8
FT 255	4.	9.0								3	9		-	9.15	. 2		2	•	9		- 0	4	-		7		. 0	•	9		-	2	3.		٦,	۳.
	1881	1881	.313T	3131	.313T	. 25 OT	31	1062.	25	.313F	.313T	. 250T	.3131	3131	.438T	.3131	.375T	.438T	.3751	.3131	. 5131	37	.313T	.37 ST	.438T	.37.51	7 .	3757	37	31	.3751	.438T		.3751	-4381	.3751
AL S1	.125/			188/	188			188/			.188/	.188/	.188/	188		1	1052.	.250/	.250/	1852.	2501	.250/	.250/	.250/	.250/	.250/	250/	2501	.250/	.250/	.250/	.250/	.250/	.250/	.250/	1052.
NOW XX	X X	××	X 2	× ×	× ×	×	XX:		×	×	3×	×	¥ :	ž ž	3	SX.	X.	×	×	× ;	* *	3 %	3×		×		**	2 ×	×	2×		2×	×,		2×	8×9

.625 IN. PLATE (AREA= 14.84 SQ.IN.)

NOTIVE, SIZE NO	•	**	EA	27	11	75	20	27	.75	.52	.50	90	.27	11	.10	25	90	12	11	10	90	12	10	90	12	10	99	99	12	10	71	86	23	2:	71	73	99	12	11	99	99	12	73	11	. 39	51	24
NOMINAL SIZE NO	1	SHE	A.	2	2.	2.	2.	2.	2.	2.	3.	•	2.	2.7	;	2.	;	;	2.	;	;	;	;	;	;	;	5.	5.									5	•	S.	5	S	•	5	5	5	_	_
NORTHAL SIZE NO		MUE	IMICK	. 438	.438	.375	.375	.438	.375	.438	.563	904.	.438	. 438	694.	.438	904.	.531	.438	94	904.	.531	694.	904.	.531	694.	694.	.531	.531	694.	. 594	.656	• 656	.531	156.	656	694.	.531	.594	.531	694.	.531	.656	.594	.531	.531	.594
NOWINE, SZECTION HODULUS RY PERFECT REPTER RY PERFECT REPTER RY NOWINE, SZECT, 4587 15.74 95.6 2 5.67 3.77 2.25 0.9 4.69 10.44 6.55 2.507, 4587 15.79 15.79 2.6 2 5.70 3.77 2.5 4.69 10.44 6.57 2.507, 4587 15.79 15.79 15.79 2.6 2 5.70 2.5 2.7 4.69 10.44 6.5 2.507, 4587 15.79 15.79 15.79 2.6 2 5.70 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.7 10.3 0.44 6.5 2.5 2.7 10.3 0.44 6.7 2.7 10.3 0.44 6.7 2.7 10.3 0.4 2.7 2.7 10.3 0.4 2.7 2.7 10.3 0.4 2.7 2.7 10.3 0.4 2.7 2.7 2	TONS	FLA		•	5.	•		-	-	-	;	4.0	8.0	7.0	4.0	•				5.	•		•		6.00	7.00	4.00	4.00	2.00	8.00		2.00	**	200		200	7.00	9.00	6.00	7.00	8.00	10.00	6.00	7.00	8-80	2.00	2.00
SECTION HODULUS NOMEMAL SIZE	DIMENS	MEB	IMICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	.313	.313	.375	.375	.375	.375	275	375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438	.438
NOMINAL SIZE NUMER SIZE NUME	BEA		EPTH	3 3	*	38	38	3 4	38	*	99	;													12.53	12.47	14.47	14.53	12.53	15.47	14.59	12.66	14.66	14.55	16.53	14.66	14.47	12.53	14.59	14.53	14.47	12.53	14.66	14.59	14.53	16.53	16.59
NOMINAL SIZE KK 2507 44381 15.95 122.0 35.1 1867 3.7 2.2 8.7 2.25 18.5 18.5 18.5 18.7 2.7 2.5 18.5 18.5 18.7 2.7 2.5 18.5 18.5 18.5 18.7 2.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18	****		AREA	4.63	69.4	4.75	4.88	2.06	5.13	5.31	5.38	5.38	5.50	5.56	5.63	5.15	5.78	5.88	-							•	7	7.38	1.47		7.63	7.78	2.00			, r	5		•								9
NOMINAL SIZE NYTFT ZPL ZFL INERTIA R		*													•					•					•	•	•					6.6	11.6	11.5		11.	11.1	9.3	11.1			9.1	11.0				
NOMINAL SIZE NY 2507 4387 15.74 99.6 26.5 189.9 3 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			4	1.9	2.2	2.2	2.1	2.1	5.4	2.3	2.3	5.5	2.2	5.5	5.6	5.5	2.7	2.7	2.7	2.8	5.9	3.0	3.1	3.1		3.3	3.3						•			1	4.0	3.9	4.1	4.2	4.2	4.1	4.3	* . *	4.4	4.5	4.6
SECTION HODULUS NOMINAL SIZE NY . 2507 . 4387 15.74 99.6 26.5 5X . 2507 . 4387 15.75 123.0 30.1 6X . 2507 . 4387 15.95 123.0 30.1 7X . 2507 . 4387 15.95 123.0 30.1 7X . 2507 . 4387 17.20 112.7 31.4 7X . 2507 . 4387 18.29 122.3 31.4 7X . 2507 . 4387 18.29 122.8 32.3 4X . 3137 . 4067 18.29 142.1 33.6 6X . 2507 . 4387 18.29 142.1 33.6 6X . 2507 . 4387 18.29 142.1 33.6 6X . 2517 . 4067 18.29 142.1 33.6 6X . 2517 . 4067 19.55 118.3 38.7 6X . 3137 . 4067 22.30 159.6 36.4 6X . 3137 . 4067 22.30 159.6 47.9 6X . 3137 . 4067 22.30 159.6 47.9 6X . 3137 . 4067 22.40 156.2 43.0 6X . 3137 . 4067 22.40 156.2 52.9 6X . 3137 . 4697 22.30 159.6 52.9 6X . 3137 . 4697 22.90 158.2 52.9 6X . 3137 . 4697 22.90 158.2 52.9 6X . 3137 . 4697 25.90 158.2 52.9 6X . 3137 . 4697 25.90 158.2 52.9 6X . 3137 . 4697 25.90 161.7 57.9 6X . 3157 . 4697 25.90 161.7 57.9 6X . 3157 . 4697 25.90 161.7 57.9 6X . 3157 . 4697 25.90 161.7 57.9 6X . 3757 . 6567 26.90 161.7 57.9 6X . 3757 . 6567 26.90 161.7 57.9 6X . 3757 . 6567 26.90 161.7 57.0 6X . 3757 . 6567 26.90 167.7 57.8 6X . 3757 . 6567 26.0		•	*	3.1	3.7	3.7	3.5	3.3	3.9	3.6	3.8	4.2	3.4	**	4.3			4.4	4.2	4.5	4.6	4.7	4.7	4.7																							
SECTION NOMINAL SIZE 6X .2567 .4381 15.74 99.6 5X .2567 .3751 15.95 123.0 7X .2567 .3751 16.59 112.7 7X .2567 .4381 17.20 112.3 7X .2567 .4381 17.20 112.3 7X .2567 .4381 17.20 112.3 7X .2567 .4381 18.29 123.8 4X .3137 .4691 .9.99 148.9 6X .3137 .4691 .9.99 148.9 6X .3137 .4691 .9.99 148.9 6X .3137 .4691 .20.40 132.2 5X .3137 .4691 .20.40 156.0 6X .3137 .4691 .20.40 161.7 6X .3137 .4691 .20.40 161.7 6X .3137 .4691 .20.40 161.7 6X .3757 .6561 .26.99 181.0 6X .3757 .6561 .20.00 167.0 6X .3757 .6561 .30.00 167.0			INERTIA	189.9	267.3	270.6	239.7	210.4						329.7			396.2				437.0	462.2	475.1	476.8	512.8	519.3				561.7							743.8	650.7	781.7	797.1	797.8	692.5	827.3		•	936.8	986.8
NOMINAL SIZE 6X .250/ .438T 15.76 5X .250/ .438T 15.95 7X .250/ .438T 15.95 7X .250/ .438T 16.15 7X .250/ .438T 18.29 7X .250/ .438T 18.29 7X .313/ .408T 19.65 7X .313/ .408T 19.65 7X .313/ .408T 19.65 7X .313/ .408T 20.10 7X .315/ .531T 20.10 7X .315/ .656T 30.10		HOUGH US	147	56.5	30.1	30.7	30.4		;	;	2	3.	3	38.7							43.1	45.5	47.4	47.9	51.7	52.9	48.1	51.4		58.4	24.6			28.5	1.40	٠.	67.0	70.3				16.4	75.4				
NOMINAL SIZE 5 x 250 / 4381 15.75 5 x 250 / 3751 16.95 7 x 250 / 4381 17.46 7 x 250 / 4381 18.29 6 x 313 / 4691 19.95 6 x 313 / 4691 19.95 6 x 313 / 4691 20.10 6 x 315 / 4691 20.10 6 x 315 / 4691 20.10 7 x 315 / 4691 20.10 6 x 315 / 4691 20.10 7 x 315 / 4691 20.10 8 x 375 / 6561 20.10 9 x 315 / 6561 30.50 10 x 315 / 6561 30.50 10 x 315 / 6561 31.20		TOI TON	747	9.66	123.0	123.2	112.7	102.3	126.3	116.0	123.8	142.1	104.5	129.7	145.6	118.3	147.2	148.9	132.2	150.8	151.3	154.0	155.0	155.0	158.2	158.5	171.8	175.3	161.7	161.5	178.4	159.5	181.3	161.0	185.8	187.3	186.1	167.0	189.0	189.7	189.6	169.1	192.0	192.9	193.2	508.9	212.4
NOMINAL SIZ 6X 250 / 7X 250 /										-																														-							
NOMINAL STATES OF STATES O															1694.	.438T	.406T	.531T	.438T	1694·	.406T	.531T	1694.	-40 6T	.531T	1694·	1694.	.531T	.531T	1694·	1965.	.656T	1929	.5311	5711	.656T	1694.	.531T	1465.	.531T	1694.	. 531T	.656T	1465.	.531T	-531T	1465·
77777667777777777777777777777777777777			MAL S	-250/	-250/	-550/	.250/	.250/	.250/	.250/	.313/	.313/	1052.	1052.			.313/		1052.	.313/	.313/	.313/		.313/	.313/	.313/	.375/	.375/	.313/									.313/	.375/	.375/	.375/	.313/		.375/			
		1		3	2	×9	*	×	×	Z	¥	×	8 X	×																												-					

CHEAD	SHEAR	AREA	5.71	2.68	7.51	7.57	4.96	5.73	7.54	5.68	7.60	5.71	7.57	8.39	8.45	5.71	7.60	8.42	8.47	7.54	7.51	5.71	8.42	8.39	8.47	7.51	7.54	8.45	5.73	8.39	7.54	8.45	1.54	7.57	8.45	8.42	7.60	7.57	8.45	7.60	8.45		8.45	11.16	11.19	11.13	11.19
ANGE	105	THICK	.594	.531	.531	.656	.594	.656	165.	.531	.719	296	456	531	.656	165.	.719	.594	.719	.594	.531	.594	.594	.531	.719	.531	.594	•656	.656	.531	.594	•656	.594	.656	.656	.594	.719	• 656	.656	.719	959.	.625	.656	.688	.750	.625	.750
- 24		HIDIN	8.00	9.00	6-00	5.00	10.00	8-00	6.00	10-00	5.00	9-00	6-00	60.00	5-00	10.00	6.00	6.00	5.00	8.00	9.00	11.00	7.00	8-00	6.00	10-00	9.00	2.00	11.00	9.00	10.00	8.00	11-00	10-00	9.00	10-00	10.00	11.00	10.00	11-00	11.00	8.00	12.00				9.00
UTHENSTONS	200	THICK	.375	.375	.438	.438	.375	.375	.438	.375	638	375	478	82.4	438	.375	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.375	.438	. 438	.438	. 438	. 438	. 438	. 438	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500	.500
DEA		DEPTH	14.59	14.53	16.53	16.66	12.59	14.66	16.59	14.53	16.72	14.59	16.66		18.66	14.59	16.72	18.59	18.72	16.59	16.53	14.59	18.59	18.53	18.72	16.53	16.59	18.66	14.66	18.53	16.59	18.66	16.59	16.66	18.66	18.59	16.72		18.66	16.72	18.66	21.63	18.66		21.75	21.63	21.75
		ARE	=	10.03	=	10.28	10.44	10.50	10.56	10.56				11.06	11.16	11.19	~	11.44	11.47	11.75	11.78	11.78	12.03	12.13	12.19	12.31	12.34	12.47	12.47	15.66	15.94	13.13	13.53	13.56	13.78	13.81		14.22	14.44	14.91	15.09	15.50	15.75	16.00		16.75	17.25
	•	-	10.6	10.5	12.4	12.5	8.8	10.4	12.3	10.3	12.4	10.3	12.2	13.7	13.8	10.1	12.1	13.6	13.7	11.7	11.7	6.6	13.3	13.2	13.3	11.5			9.7	12.9	11.3		11.0	11.1	15.6	12.5	10.9	10.8	12.3	10.6	12.0				14.3	14.1	14.0
	•	2	4.7	4.7	4.8		4.4	4.9	4.9	4.9	5.0	4		2.4	2.5	5.1	5.3	5.6	5.6	5.5	5.5	5.3	6.6	6.0	9.0	2.5	2.1	6.1	2.6	6.2	9.0	9.4	2.9	2.9	2.9	6.7	4.9	4.9	7.0	2.9	7.3	7.6	7.5	7.9		8.2	
	•	œ	6.1	6.1	4.9	4.9	5.5	6.2	6.5	6.2	6.5	6.2	9.9	2.5	7.2	6.3	6.7	7.3	7.3	9.9	6.8	4.9	1.4	7.5	7.5	6.9	7.0	7.6	6.5	7.6	7:1	1.7	7.2	7.2	7.9	6.2	7.3	7.3	8.0	4.2	8.1	8.8	8.2	8.9	9.0	9.0	9.1
		INERTIA	913.8	913.1	1017.8	1036.1	756.0	967.8	1074.4	967.3	1084.6	976.2	1130.8	1318-0	1340.2	1032.6	1185.8	1366.8	1399.2	1236.8	1237.3	1089.3	1490.4	1503.6	1523.8	1306.4	1313.2	1558.9	1154.1	1590.3	1387.1	1672.5	1455.6	1464.5	1773.4	1773.8	1541.1	1539.1	1869.2	1617.4	1960.5	2333.5	2047.9	2439.4	2541.1	2578.3	2685.1
311 11100	SO TOOL O	ZFL	86.5	87.0	82.0	83.0	85.7	95.8	87.5	0.46	87.5	34.4	92.0	96.0	97.1	102.3	98.3	102.2	102.2	105.3	105.9	110.3	112.1	114.0	114.2	114.0	114.2	118.5	119.0	155.9	123.2	130.2	132.0	132.2	141.2	145.1	141.4	145.0	152.1	151.9	163.0	159.4	173.9	168.7	177.8	183.2	192.3
SECTION	SECTION	ZPL	196.4	1961	214.3	215.8	171.9	199.2	217.9	198.6	218.8	199.2	221.2	242.8	244.3	201.7	224.3	246.8	247.7	226.3	226.1	204.0	251.8	252.2	253.8	25622	229.8	254.1	506.6	256.1	232.8	259.9	235.4	236.0	263.8	263.6	239.0	238.7	267.2	241.5	2.072	306.3	272.8	310.5	314.3	315.1	6
		HT/FT	34.00	34.10	34.65	34.95	35.50	35.70	35.90	35.90	36.01	36.01	37.20	37.60	37.94	38.05	38.45	38.90	39.00	39.95	40.05	40.05	40.90	41.24	41.45	41.85	41.96	45.40	45.40	43.04	44.00	44.64	46.00	46.10	46.85	46.95	48.25	48.35	49.10	50.69	51.31	52.70	53.55	54.40	56.10	56.95	58.65
	1	SIZE	1465.	.5311	.531T	.656T	1465.	.656T	1465.	.531T	1917.	1465	. 656T	5311	-656T	1465.	.719T	1465.	1617·	1465.	.531T	1465.	1965·	.5317	.719T	.531T	1965.	.656T	.656T	.5311	1965.	.656T	1465.	.656T	· 656I	1965.	.719T	. 656T	.656T	.719T	.656T	.625T	.656T	.688T	.750T	. 625T	.750T
			.375/	.375/	438/	.438/	.375/	.375/	438/	.375/	1884	375/	7887	438/	438/	.375/	.438/	.438/	438/	.438/	.438/	.375/	1984.	.438/	1984	1984	.438/	.438/	.375/	.438/	138/	438/	438/	438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.5007	438/	.5007	.5007	1005	r
	-	HON	×	%	¥9		XOT	14x 8x	16X 6X	14X10X				18X 6X	18X 5X		×S	×s		8×	-	11X	×	18X 8X	18X 6X	16X10X			1×			18X 8X	16×11×	16×10×				6X11X		1.77	-	21X 8X	18X12X	21X 8X	21X 8X	21X10X	×

0.6250 - 5/8 in.

.625 IN. PLATE (AREA= 14.84 SQ.IN.)

		SECTION	MODULUS	S					DEAN	WEB WEB	·	FLANGE	SHEAR
NOMINAL SIZE	HT/FT	ZPL			œ	YP	46	AREA	DEPTH	THICK	WIDTH	THICK	AREA
		318.9	195.3	2695.9	9.1	8.5	80	17.38	21.63	.500	11.00	.625	11.13
.500/	.5	321.5	196.3	2743.0	9.5	8.5		17.50	21.88	.500	8.00	.875	11.25
21X10X .500/ .750T	2	323.2	206.5	2819.0	9.3	8.7		18.00	21.75	.500	10.00	.750	11.19
. 5007 .		323.1	208.0	2823.9	9.3	8.7	13.6	18.06	21.69	.500	11.00	.688	11.16
.5007		329.6	234.3	3056.2	9.6	9.3		19.44	21.69	.500	13.00	.688	11.16
.5007	66.30	330.3	235.0	3072.5	9.6	9.3		19.50	21.75	.500	12.00	.750	11.19
.500/	68.44	333.8	245.9	3186.5	9.6	9.6		20.13	21.88	.500	11.00	.875	11.25
. 625/		376.8	241.6	3735.5	10.1	6.6		21.75	24.75	.625	9.00	.750	15.86
.625/	.5	382.1	257.6	3904.5	10.2	10.2		22.50	24.75	.625	10-00	.750	15.86
.625/	79.05	386.7	273.3	4063.4	10.3	10.5		23.25	24.75	.625	11-00	.750	15.86
24X10X .625/ .875T	80.75	390.6	282.7	4182.5	10.4	10.7	14.8	23.75	24.88	.625	10.00	.875	15.94
.625/	85.44	399.8	309.3	4491.8	10.6	11.2	.5	25.13	25.13	.625	9.00	1.125	16.10
•	89.69	403.4	337.7	4688.6	10.7	11.6	13.9	26.38	24.88	.625	13.00	.875	15.94
.625/	92.65	407.0	356.1	4844.2	10.7	11.9	9	27.25	24.88	• 625	14.00	.875	15.94
•	93.09	4.69.7	356.3	6.1064	10.8	12.0		27.38	25.13	•625	11.00	1.125	16.10
•	96.90	413.8	379.5	5088.5	10.8	12.3	3	28.50	25.13	.625	12.00	1.125	16.10
•	37.55	463.0	365.4	5872.2	11.6	12.7	-	28.69	28.13	.688	9.00	1.125	19.78
•	98.60	413.2	392.5	5134.1	10.8	12.4	-	29.00	24.88	.625	16.00	.875	15.94
.688/	98.80	463.1	377.0	5923.6	11.6	12.8	~	29.06	27.88	.688	12.00	.875	19.61
.688/ .87	101.80	467.8	397.3	6124.0	11.7	13.1	15.4	29.94	27.88	.688	13.00	.875	19.61
	105	475.0	417.5	6389.7	11.8	13.5	2	30.94	28.13	.688	11-00	1-125	19.78
30x13x .7507 .875T	115	537.3	461.8	7823.8	12.7	14.6	6	33.88	30.88	.750	13.00	.875	23.63
	116	489.0	4.464	7.8907	12.0	14.5	m	34.31	28.13	.688	14.00	1.125	19.78
	118	545.5	483.8	8141.8	12.8	14.9		34.88	31.13	.750	11.00	1.125	23.82
27X15X .688/1.125T	120.50	492.9	550.5	7280.0	12.0	14.8	14.0	35.44	28.13	.688	15.00	1-125	19.78
	122	551.7	512.3	8435.4	12.9	15.3	16.5	36.00	31.13	.750	12.00	1.125	23.82
	124.1	551.9	528.2	8502.8	12.9	15.4	16.1	36.50	30.88	.750	16.00	.875	23.63
.688/1.12		4.964	545.8	7475.1	15.1	15.1	13.7	36.56	28.13	.688	16.00	1.125	19.78
•	-	562.6	568.6	8979.5	13.0	16.0	15.8	38.25	31.13	.750	14-00	1.125	23.82
	0	573.1	532.3	8832.1	12.7	15.4	9	00.04	31.38	.875	10.00	1.375	28.00
•		639.8	598.1	10744.1	13.7	16.8	0	42.38	34.13	.875	12.00	1.125	30.41
.875/1.37	6	643.8	\$ · 009	10875.7	13.8	16.9	-	42.63	34.38	.875	10.00	1.375	30.63
•		695.3	602.5	12186.5	14.5	17.5	20.2	42.75	37.13	.875	10.00	1-125	33.04
.875/1.37	149.60	652.3	637.6	11286.2	13.8	17.3	1	00.44	34.38	.875	11.00	1.375	30.63
33X14X .875/1.125T		653.2	658.4	11396.5	13.8	17.4	17.3	44.63	34.13	.875	14.00	1.125	30.41
36X10X .875/1.500T	7	727.2	705.9	13655.9	14.9	18.6	19.3	46.50	37.50	.875	10.00	1.500	33.36
36X14X .875/1.375T	172,55	750.7	830.9	14989.0	15.1	20.0	18.0	50.75	37.38	.875	14.00	1.375	33.25
•	9	767.5	921.7	15966.1	15.2	20.8	17.3	24.00	37.50	.875	15.00	1.500	33.36

SHEAR	AKEA	94.	.61	94.	.73	.61	.73	*6.	.75	1.13	1.32	1.49	1.13	1.12	1.49	1.30	1.13	1.50	1.49	1.32	1.50	1.32	1.78	1.50	1.77	2.03	2.27	2.50	2.25	2.28	25.2	2.22	2.53		2.75		2.27					2.78	2.77	2.53	2.52
GE	HICK	.188	.188	.188	.188	.188	.188	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	. 430	.375		434	.375	.313	.313	.375	.375	.313	.375	.438	.438	.375	.438	.375
FLANGE	HIOTH	2.00	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00	3.00	4-00	3.00	00 -4	00-4	3-00	4.00	4.00	00 - 7	2.00	3.00	2.00	4-00	3-00	3.00	3.00	00-4	3-00	3.00	2000	30.0	3.00	4.00	5.00	5.00	00-4	2.00	2.00	2.00	4.00	2.00	2.00	6.00
MEB	HILL	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	0520	0520	0620	0520	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250
7000	DEPTH	3.19	4.19	3.19	5.19	4-19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	9449	7.31	6.38	7.44	8.38	9.31	6.31	4.0	9.38	10.31	94.0	10.38	10.31	9.31	8.38	10.38	10.31	9.38	9.44	10.44	10.38	9.44	9.38
4504	AKEA	.75	. 88	*6.	1.00	1.06	1.19	1.38	1.50	1.56		1.81		•	5.06	2.13	2.19	5.25	2.31		5.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	2000	***	3.5	3.63	1	3.61	3.88	•	4.06	4.13	4.19	4.25	4.38	****	4.50
		3.4	4.4	3.4	5.3	4.3	5.3	4.4	3.4	5.3	6.3	7.2	5.3	5.5	7.1	6.1		7.1	7.0	6.1	7.0	9.0	6.1	9.9	9.0	7.0	7.9	9.7	1.7					9.6	4.6	8.5	7.6	9.4	9.3	9.4	1.5	9.3	3.5	4.0	8.3
5	4	*	.5	• •	• 2	• 5	9.	9.	9.	1.		•		•	6.	6.	•	6.	1:0	6.	1.0	1:0	1.0	1:1	1.0	1.1	1.2	1.3	1.3	1.3	7.04		1	1.5	1.6	1.5	1.5	1.7	1.7	1.6	1.6	1.8	1.8	1.8	1.8
•	×	9.			1.0	6.	1:1	1.0	•	1.2	1.4	1.6	1.3	1.4	1.8	1.6	1.5		1.9			1.9	1.8	2.2	1.9	2.1	2.3	2.5	5.4	4.2	9.0	2.0	2.8	3.0	3.0	5.9	2.7	3.2	3.2	3.0			3.4	3.2	
*******	THEKITA	6.5	11.1	9.6	17.4	14.4	55.22	17.5	13.6	27.2	40.0	4.64	35.7	36.8	61.6	53.4	43.6	10.9	73.5	9.29	95.5	73.5	69.5	1001	15.4	95.4	115.3	134.8	121.9	126.6	149.1	171.4	163.2	186.4	198.5	179.3	158.0	220.8	254.7	201.7	175.5	245.6	251.9	223.8	226.3
MODUL US	747	1.9	5.5	5.5	3.3	3.3	4.3	4.0	4.0	5.1	4.9	6.9	9.9	7.1	8.7	8.8	9.4	10.1	10.5	10.3	12.3	12.3	11.3	•	15.5	13.6	14.7	15.5	15.7	16.1	1	17.9				2.		.5	2.			6.	7.3		7.3
SECTION	747	14.5	55.5	17.9	31.9	56.9	37.7	30.1	24.1	41.5	54.0	62.7	48.2	6.84	70.4	62.6	53.3	75.4	76.5	67.4	81.8	72.1	9.69	87.0	71.8	84.1	95.1	105.2	97.2	6.86	109.8	119.9	113.9	124.5	126.9	117.5	107.1	132.1	132.7	122.4	111.0	136.5	137.9	126.8	126.9
	-	2	6	0	0	9	2	6			5	6.15	6.39	6.60	7.00	1.24	-		7.85	_			9.55	9.79	10.20	10.40		10.85	11.05	11.25	11.49	11.00	12.10	12.34	12.75	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	15.10	15.30
	77	.188T	.188T	.188T	.1881	1881.	.188T	. 313T	.313T	.313T	.313T	.250T	.313T	.250T	.250T	.250T	.313T	.313T	.250T	.313T	.313T	.313T	.438T	.3131	.37 ST	.4381	.3751	. 3131	.3131	-4381	1616.	275	43 AT	37	31	.313T	.375T	.3751	. 31 3T	.37 51	.438T	.438T	.3751	.4381	.3751
	MAL SI	.125/	.125/	.152/	.125/	.125/	1521.	.188/	.188/	.188/	188/	188/	188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	-250/	.188/	.250/	.250/	.250/	.250/	1052.	1052.	1962.	1067.	2501	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	1220	.250/
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*******	NSE	THICK	.594	.531	.531	9690	.594	9699	.594	.531	.719	*65.	•656	.531	.656	165.	.719	165.	.719	165.	.531	.594	.594	.531	.719	.531	.594	.656	969.	.531	.594	• 656	.594	.656	• 656	.594	.719	• 656	.656	.719	•656	.625	•656	.688	.750	•625	.750	
IONS	5	I	00.0	9.00	6.00	2.00	10-00	8.00	6.00	10-00	2.00	9.00	6.00	6.00	5.00	10.00	6.00	6.00	2.00	8.00	9.00	11.00	7.00	8.00	6.00	10.00	9°00	7.00	11-00	9.00	10-00	8-00	11-00	10.00	9.00	10.00	10-00	11.00	10.00	11.00	11.00	8.00	12.00	8.00	00.9	10.00	9.00	
DIMENS	ME8	THICK	.375	.375	.438	.438	.375	.375	.438	.375	.438	.375	.438	. 438	.438	.375	.438	.438	.438	.438	.438	.375	.436	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500	21.75 .500 9.0	
*** BEAY		DEPTH	14.59	14.53	16.53	16.66	12.59	14.66	16.59	14.53	16.72	14.59	16.66	18.53	18.66	14.59	16.72	18.59	18.72	16.59	16.53	14.59	16.59	18.53	18.72	16.53	16.59	18.66	14.66	18.53	16.59	18,66	16.59	16.66	18.66	18.59	16.72	16.66	18.66	16.72	18.66	21.63	18.66	21.69	21.75	21.63	21.75	
****		AREA	10.00	10.03	10.19	10.28	10.44	10.50	10.56	10.56	10.59	10.59	10.94	11.06	11.16	11.1	11.3		11.47	11.	11.7	11.7		7	7	2	12.34		*	9	12.94	-	•	S.			14.19	~	*	14.91					.5	16.75	~	
		YF	11.1	11.0	12.9	13.0	9.3	10.9	12.0	18.6	12.9	10.8	12.7	16.3	14.4	10.6	12.6	14.2	14.3	12.3	12.2	10.4	13.9	13.8	13.9	12.0	12.1	13.8	10.3	13.6	11.8	13.5	11.6	11.7	13.2	13.1	11.5	11.4	12.9	11.3	12.7	15.3	12.5	15.2	15.0	14.8	14.7	
		4	4.2	4.2	4.3	4.3	4.0	4.4	4.5	4.4	4.5	4.4	4.6		5.0												5.5																			7.5		6 in.
		~	5.9	2.9	6.2	6.2	5.3	9.0	6.3	9.9	6.3	6.0	9.9		7.0		9.9	7.1	7.1	6.7	6.7	6.3	7.3	7.3	7.3	8.9	9.9	7.4	9.9	1.4	6.9	1.6	7.0	7.1	7.7	7.7	7.2	7.2	7.9	7.3	8.0	9.6	8.1	8.8	8.9	6.8	9.0	- 11/16
		=	:		:	1096.7			:			037.	199.	396.	1420.1	2	25	3	1484.2	316.	1317.0	1165.1	1584.0	596.	1620.3	1393.2			1237.5		485.		558.								103.		201.			2762.2		0.6875
	呈		•	•	•	•	•	ന	•	m		6		-	. 0	=	·		2	106.	107.		114.		116.	115.	116.	•	120.	124.	-	132.	134.	134.	143.	144.	143.	144.	154.	154.	165.	162.	176.	172.	181.	-	196.	
	SECTION	22	230.5	230.1	250.4	252.2	202.1	233.9	254.7	233.3	255.9	234.0	258.7	283.6	285.5	237.1	262.5	288.4	289.5	264.9	264.7	239.9	294.5	294.9	296.8	268.5	16 269.1	297.3	243.1	588.6	272.8	304.2	276.0	276.7	308.9	308.6	280.4	279.9	312.9	283.3	316.6	356.9	319.7	361.8	366.3	367.3	372.0	
						34.95									37.94			36.90									41.96				-	w	46.00	-	46.85	O,	~	~						24.40			8.6	
		SIZE	1965.	.531F	.531T	.656T	1465.	.656T	. 594T	.531T	.719T	1465·	.656T	.531T		1465.	.719T	1965.	.719T	1465.	.531F	1965.	1465.	.531F	.719T	.531T	. 59 4T	.656T	.656T	.531T	. 594T	.656T	1465.	.656T	.656T	1965.	.719T	.656T	.656T	.719T	.656T	.625T	.656T	.688T	.750T	.625T	.750T	
			375/	.375/	438/	438/	375/	375/	438/	375/	438/		438/	438/	438	375		438/	438/	438/	438/	375/	438/	438/	438/	438/	438/		375/	438/	438/						438/	438/	4381	438/	438/	2007	•	n	S	2007	S	
		NOMINAL	14X 8X .		16x 6x .	16X 5X .	12X10X .	14X 8X .	16x 6x .	14X10X .	16x 5x .	14x 9x .			16X 5X .	14X10X .	16X 6X .			16x 8x .	16x 9x .	14X11X .	18X 7X .	18X 8X .	18X 6X .	16X10X .	16x 9x .	18X 7X .	14X11X .	16x 9x .	16×10× .	18X 8X .	16X11X .	16X10X .	16x 9x .	18X10X .	16X10X .	16X11X .	18X10X .	16×11× .	18X11X .	21X 8X .	18X12X .	21X 8X .	21x 8x .	21X10X .	21x 9x .	

.608 IN. PLATE (AREA= 17.96 SQ.IN.)

		SECT TORS	HUDDEUS	0						MEB	7.7	FLANGE	SHEAP
OMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	œ	YP	YF	AREA	DEPTH	THICK	WIDTH	THICK	AREA
.500/	.65	371.8	199.0	2892.8	9.0	7.8		17.38	21.63	.500	11.00	.625	11.16
21X 6X .500/ .875T	59.	374.7	200-1	2943.8	9.1	7.9		17.50	21.88	.500	8-00	.875	11.28
.500/	61.	376.8	210.4	3029.2	9.5	0.0		10.00	21.75	.500	10.00	.750	11.22
•	61	376.7	211.9	3035.0	9.5	8.1	-	18.06	21.69	.500	11.00	.688	11.19
.500/	.99	384.3	238.7	3295.1	9.6	9.0		19.44	21.69	.500	13.00	.688	11.19
•		385.2	239.4	3313.0	4.6	8.6		19.50	21.75	.500	12.00	.750	11.22
.500/	.09	389.2	250.6	3440.3	9.5	8.8	13.7	20.13	21.88	.500	11.00	.875	11.28
•	73.	435.6	247.1	4010.4	10.0	9.5	16.2	21.75	24.75	.625	9.00	.750	15.90
1629.	16	441.6	263.4	4197.4	10.2	9.5	15.9	22.50	24.75	.625	10.00	.750	15.90
•	79.	447.0	279.4	4373.6	10.3	9.6	15.7	23.25	24.75	• 625	11.00	.750	15.90
	:	451.4	289.0	4505.2	10.4	10.0	15.6	23.75	24.88	.625	10.00	.875	15.90
•	85	462.0	316.4	4848.4	10.6	10.5	15.3	25.13	25.13	.625	9.00	1.125	16.14
•		466.3	345.2	5071.3	10.7	10.9	14.7	26.38	24.88	.625	13.00	.875	15.90
•		4.024	364.0	5246.3	10.8	11.2	14.4	27.25	24.88	.625	14.00	.875	15.98
•	93.09	473.4	364.3	5315.5	10.0	11.2	14.6	27.38	25.13	.625	11.00	1.125	16.14
•	96	478.2	388.1	5530.7	10.9	11.6	14.3	28.50	25.13	.625	12.00	1.125	16.14
•	97.	531.6	374.4	6330.6	11.6	11.9	16.9	58.69	28.13	.688	9.00	1.125	19.83
•		477.6	401.1	9574.0	10.9	11.7	13.9	29.00	24.88	.625	16.00	.875	15.98
27x12x .688/ .875T	98.	531.9	386.0	6390.1	11.7	12.0	16.6	29.06	27.88	.688	12.00	.875	19.65
.688/	101	537.3	4.06.8	6613.5	11.8	12.3	16.3	29.94	27.88	.688	13.00	.075	19.65
•		545.4	427.6	6907.6	11.9	15.7	16.2	30.94	28.13	.688	11.00	1.125	19.63
•		613.1	473.5	8433.9	12.8	13.8	17.8	33.88	30.88	.750	13.00	.875	23.68
.688/1.12		561.3	506.2	7670.3	15.1	13.7	15.2	34.31	28.13	. 688	14.00	1.125	19.63
.750/1.12		622.3	496.2	8783.9	12.9	14.1	17.7	34.88	31.13	.750	11.00	1.125	23.86
•	120.50	565.8	533.0	7909.0	12.2	14.0	14.8	35.44	28.13	. 688	15.00	1.125	19.83
. 750/1-12		629.3	525.4	9110.3	13.0	14.5	17.3	36.00	31.13	.750	12.00	1.125	23.86
•		629.6	541.4	9188.5	13.0	14.6	17.0	36.50	30.08	.751	16.00	.875	23.66
.688/1-12	.3	569.8	558.8	8130.0	12.2	14.3	14.6	36.56	28.13	.688	16.00	1.125	19.83
•		641.6	582.9	9717.4	13.1	15.1	~	38.25	31.13	.750	14.00	1.125	23.86
.875/1.37		8.649	546.7	9520.9	12.8	14.7		40.00	31.38	.875	10-00	1.375	28.06
33X12X .875/1.125T	144.09	723.0	614.4	11564.7	13.8	16.0	18.8	42.38	34.13	.875	12.00	1.125	30.47
•		727.5	616.9	11706.3	13.9	16.1	19.0	42.63	34.38	.875	10.00	1.375	30.68
36X10X .875/1.125T	145.	783.5	619.4	13081.4	14.7	16.7	21.1	42.75	37.13	.875	10.00	1.125	33.0
33X11X .875/1.375T	149.60	736.8	6.459	12159.1	14.0	16.5	18.6	00.44	34.38	.875	11.00	1-375	30.68
33X14X .875/1.125T	151.74	738.0	676.1	12284.5	14.0	16.6	18.2	44.63	34.13	.875	14.00	1.125	30.47
.875/1.50		818.7	725.4	14687.6	15.1	17.9	2002	46.50	37.50	.875	10.00	1.500	33.41
.875/1.37	172.55	8.44.8	853.3	16159.7	15.3	19.1	18.9	50.75	37.38	.875	14.00	1.375	33.3
0007/000			45.6	17240-4	2.5	20.0	18.2	24.00	17.50	. A75	15.00	1.500	4.5

	~ -	•							9					2	0	2	,	2		2	2	2		2		2		2	1	0	m 1				1	2				m				5	
	SHEAR	ARE	•	101	1	63	7.	6	.76	1.1	1.33	1.50	1.1	1.13	1.5	1.3	1.1	1.52	1.50	1.33	1.52	1.33	1.0	1.52	1.7	2.05	2.2	2.52	2.27	2.3	2.5	2.2	2.5	2.7	2.7	2.52	2.2	2.78	2.11	2.53	2.30	2.8	2.7	2.5	2.5
******	NGE	¥ 5 5	180		188	188	188	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	.438	.375	. 313	438	.375	.313	.313	.375	.375	.313	.375	854.	.438	.375	.438	.375
	•	1078	2002	200	2,00	3.00	3.00	2.00	3.00	2.00	2-00	2.00	3.00	4.00	3.00	4-00	00 - 4	3.00	00-4	4.00	÷.0	2.00	3.00	2.00	4.00	3-00	3.00	3.00	4.00	3.00	3.00	2.00	3.00	3.00	4.00	2.00	2.00	4.00	2.00	2.00	5.00	4.00	2.00	2.00	6.00
	THEB	135	.125	126	125	126	125	188	.188	.188	.166	.166	.188	.188	.188	.188	.188	.188	.188	.188	.188	.186	.250	.188	.250	.250	.250	.250	.250	.250	•250	052.	250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250
*** BEA4	2000	Z 10	61.0	2	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	9.44	7.31	6.38	7.44			8.31	8.44	9.38	10.31	9 9 9	10.38	10.31	9.31	8.38	10.38	10.31	9.38	9.44	10.44	10.38	9.44	9.38
*****	4004	AKEA		200	1.00	1.06	1.19	1.38	1.50	1.56	1.75	1.81	1,88	1.94	5.06	2.13	2.19	5.25	2.31	2.38	5.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	3.38	3	3.56	3.63	3.75	3.81	3.66	4.00	4.06	4.13	4.19	4.25	4.38	***	4.50
	,	- "	4.4	7.2	2	1	5.3	6.5	3.5	5.4	6.3	7.2	5.3	5.3	7.2	2.9	5.3	7.2	7:1	2.9	7:1	6.1	2.9	2.0	6.1	7.1	9.0	6.9	6.2	0.0	6.0			9.7	9.6	4.9	7.8	9.6	9.5	8.6	7.7	9.6	9.5	9.9	
	5	+		. "				9	9	9.	.7	8.			••	••		6.	6.	6.	1:0	1.0	6.	1:1	1.0	1:1	1.1	1.2	1.2	1.2	1.3	1.5	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.7	1.6	1.6
	•	× '		. 4	•	•				1.1	1.3	1.5	1.3	1.3	1.6	1.5	1.4	1.8	1.8	1.6	1.9	1.8	1.7	2.1	1.8	2.0	2.2	5.4	2.3	2.3	5.5	1.0	2.6	2.8	5.9	2.7	5.5	3.0	3.0	5.9	2.7	3.1	3.2	3.0	3.0
		INEKITA			18.0	15.1	23.3	18.2	14.3	28.1	41.2	50.8	36.9	38.1	63.3	55.1	45.1	73.0	75.6	9.49	88.0	15.9	71.6	103.2	78.0	98.4	118.9	138.8	125.7	130.5	153.6	176.4	168.2	194.1	204.6	185.1	163.4	227.9	232.0	208.5	181.8	250.6	260.4	231.7	234.4
	MODULUS	74,	2.6	2.0		4.5		4.1	,,	5.5	6.5	7.0	6.9	7.2	8.8	6.9	8.5	10.2	10.7	10.5	15.4	15.4	11.5	14.8	12.7	13.8	14.9	15.6	15.9	16.3	17.3	19.1	19.0	19.9	-	21.4	21.0	23.7	54.4	24.2	23.5	26.2	27.5	27.0	2
	-	747	23.1		33.0	27.0	30.6	31.5	25.3	43.7	57.6	67.2	51.6		76.1	67.7	57.5	82.1	83.4	73.4	89.8	79.5	76.3	96.3	79.1	92.9	105.5	117.0	108.0	110.1	122.5	134.1	127.5	139.7	142.7	132.1	120.2	149.0	149.8	138.2	125.1	154.4	156.2	143.6	143.8
			2.99	•						5.30	5.95	6.15	6.39	6.60	2.00	7.24	2.45	7.65	7.85	8.09					10.20							200													
	,	512E	1881	1881	1881	1881	1881	3131	.3131	31	31	25	31	.250T	.250T	.250T	.313T	.3131	.250T	.313T	.313F	.3131	.438T	.313T	.3751	.438T	.375T	.313T	.313T	.4387	.3751	. 3131	18E4	.3751	.313T	.3131	.3751	.375T	.313T	.375T	.438T	-438T	.375T	.438T	.3757
		7			125/					.188/	.188/	.188/	.188/	.188/	.188/	.188/	-188/	.188/	.188/	.188/	.188/	.188/	.250/	.188/	.250/	.250/	-250/	.250/	.250/	.250/	1052.	1067-	250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/
	THON	2	2X CX	3 2	5 6		3 %	X .	3	2×	2X	×2	×	×	3×	×	×	×	×	×	×	2X	3×	2	×	×	×					X 2 X 3 X 3 X 3		XO			×		×		ex		č		

.750 IN. PLATE (AREA= 21.38 SQ.IN.)

I :				SECTION	MODOLO	0						MEB	•	300	u
1	OMINAL S	IZE	/FT	7	ZFL	INERTI	~	YP	YF	RE	-	THICK	H	THICK	œ
×	.250/	•	5	130.5	27.	206.1	2.8		1.6	9	3	.250	0	.438	2.3
2	•	•	5	162.0	30.	288.5	3.3			.5	4	.250	0	.438	
¥9	•	•		162.4	31.	292.3	3.3			1.	m	.250	0	.375	
×	•	•	è	148.7	31.	260.1	3.1				M	.250	0	.375	
×	•	•	17.20	134.9	30.	4.622	5.9			•		.250	0	.438	•
×	•	.3751	:	167.5	35.	323.4	3.5			7	m	.250	0	.375	
×	•	.438T		154.0	35.	290.5	3.3				3	.250	0	.438	
×	•	. 5631		163.6	33.	310.9	3.4		75%		5	.313	0	.563	
×	.313/	-40 6T		188.0	34.	382.6	3.8		112		4	.313	0	904.	
×		.438T	18.70	138.6	34.	252.1	3.1		1	.5	3	.250	0	.438	
X	•	.438T		173.0	39.	359.3	3.7			.5	3	.250	0	.438	2.8
×	•	1694.		193.3	37.	413.2	3.9			.6	3	.313	0	694.	4.1
×	•	.438T		157.9	39.	318.5	3.4		- 3	1.	4	.250	0	.438	2.5
2X	.313/	.406T	6	195.7	39.	429.7	4.0			-	3	.313	0	904.	4:1
×	•	•	6	198.2	.04	443.9	4.0				5	.313	0	.531	4.1
×	•	•		177.2	43.	393.4	3.8				1.0	.250	0	.438	2.8
2X	•			201.3	42.	467.1	4.1		-	-	2.4	.313	0	694.	.;
¥9	•	-40 6T	:	202.1	44.	475.9	4.2		1	7	3	.313	0	904.	;
×	•	. 531T	:		•	504.3	4.3			*	2.5	.313	0	.531	4.1
×	•	1694°	2			519.2	4.3			.5	2.4	.313	0	694.	.,
×	•	.406T	2			521.3	4.3		1	.5	5.4	.313	0	904.	;
¥9	•	.531T	3		2.	562.4	4.5		-	.9	5	.313		.531	4:1
×	•	1694.	3		;	570.2	4.5		-		2.4	.313	0	694.	•
×	•	•	;			619.0	4.7		-	-	4.4	.375	0	694.	5.1
×	•	•	2		2	658.2	4.8		-	m.	4.5	.375	0	.531	5.1
×	.313/	•	3		6	618.5	4.6		23	3	5	.313	0	.531	;
×	•	•	2		6	619.4	4.6		7200	.5	4.2	.313	0	694.	•
*	•				56.1	0.769	5.		-	91	5	.375	0	\$65.	
× 3	•	•	ė,		•	8.766	4.5		-		0.7	3	9 6	9690	
*	275	1929	:			735.4	2.0				9 1	3 6	<b>5</b> C	.020	
*	•	1162.			: "	130.1	9 0				2.0		) c	531	
X	• •	5311	•			811.8	2.0				6.5	375		531	2
2X		.656T	6			629.0	5.3			.5		3	0	.656	5.1
X	•	1694.	6			821.2	5.5		110	.5	3	37	0	694.	5.1
×	•	.531T			:	724.4	4.9			.5	2.5	31	0	.531	;
X9	•	1965.	6		2	865.0	5.4				4.5	.375	0	*65.	5.1
X	•	.531T	:		;	883.2	5.4			.9	4.5	.375	0	.531	5.1
8×	•	1694·			5	884.3	5.4		-		4	.375	0	.469	5
č	•	•				774.4	2.0			-	5.2	.313	0	.531	*
×	•	•	:		:	918.3	5.5			-	4.6	.375	0	• 656	5.1
X	•	1965.	31.99	261.2	80.5	943.8	5.5	3.6	11.7	9.41	14.59	.375	7.00	.594	5.7
8 X	.375/	.531T	2		81.9	953.3	9.6		-	.5	4.5	.375	0	.531	5.1
×	•	.5311	2			1035.9	5.8		-	9.	6.5	.438	0	.531	
×	•	1965.	2			1093.5	5.9		-	•	6.5	.438	0	165.	7

	AR	REA	75	73	23	23		7.8	2 0	22	13	69	.75	63	**	20	75	2	77	23	20	27	22	147	***	53	25	66	20	82	**	66	20	66	63	20	47	65	63	20	69	20	19	20	.22	52	19
	SHE	AR	5.	5.	7.	7.				:	2.	1.	5.	7.			5	7.			7		2				7.	7.		5.			8	-		•		:		•		•	11.		11.	11.	11.
********	NGE	_	165.	.531	.531	656	200	656	200	*55.	.531	.719	165.	.656	.531	.656	765	719	200	719	294	. 531	165.	765.	.531	.719	.531	.594	•656	•656	.531	.594	• 656	.594	.656	• 656	.594	.719	•656	• 656	.719	•656	.625	•656	.688	.750	.625
	FLA	I	0	0	0		-			9	0	0	0	0		0	0	-		5-60	8.00	00.6	11.00	7.00	8.00	6.00	10.00	9.00	7.00	11.00	9.00	10-00	6.00	11.00	10.00	9.00		10.00	11.00	10.00	•				8.00		:
DIMENSIONS	WEB	THICK	.375	.375	.438	478	175	175			.375	.438	.375	.438	.438	.438	.375	448	438	4.48	424	438	.375	.438	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500
*** BEA		8	14.59	;	3		,		٠,	ė.	j	•	14.59	•			14.59	2			3	16.53	14.59	18.59	18.53	18.72	16.53	16.59	18.66	14.66	18.53	16.59	18.66	16.59	16.66	18.66	18.59	16.72	16.66						21.69		.0
*******		3	-	-			1 4	u		Ü		ŝ	5	e.	-	-			1	L			. `	-	12.13	7	2	2	3	3	9	T.	7	5	5	-		-	2	*		•	.5	-	16.00	.5	-
		YF	11.5	11.4	13.4	1 4		*		1300	11.3	13.4	11.3	13.2	14.8	14.9	11.1	13.1	14.7	14.8	12.8	12.7	10.9	14.4	14.3	14.5	12.5	15.6	14.3	10.8	14.1	15.4	14.0	15.2	15.2	13.8	13.7	15.1	15.0	13.5	11.8	13.3	16.0	13.1	15.8	15.7	15.5
		YP	3.8	3.8	3.9	4	2	, ,			4.0	4.1	4.0	4.2	4.5	4.5	4.2	4.4	4.7	1.7			4.4	6.4	6.4	5.0	4.7	4.8	5.1	4.7	2.5	2.0	5.4	2.5	5.5	2.6	2.6	5.4	5.4	5.9	9.6	6.1	4.9	6.3	9.9	8.9	6.9
		œ	5.7	5.7	6.0		2.2			100			5.8		1.9	8.9				6.9		6.5	6.1	7.1	7.1	7.1	9.9	9.9	7.2	2.9	7.2	8.9	7.4		6.9												
		H	1021.0		6				:		2	1207.1	1093.4	-	9	:	164		548		387	1388.6		668.	684	707.		479.		312.	787.		1684.8	651.		.900	007.	155.			:	:	2637.0		2763.4	10	:
	£	ZFL	•	•	•	α α	•	ח		n (	m	σ	c	(T	6	10		101	105	105	108	100	113	115	117.5	117	117	117	122	122	126	126	134	135	136	145	146	145	146	156	156	167	165	179	174	184	189
	SECT ION	ZPL	266.5	266.1	288.6	2007	233.9	270.6	202	632.0	270.0	295.1	270.8	298.5	327.1	329.2	274.6	303.0	332.7	333.9	306.1	305.A	278.1	339.9	340.5	342.6	310.4	311.1	343.5	282.0	346.1	315.6	351.5	319.4	320.3	357.1	356.9	324.6	354.2	362.0	328.3	366.3	411.2	370.1	417.0	452.2	453.4
		HT/FT	34.00	34.10																					41.24							44.00	9	_	46.10	മ	0	C)	m	-	•	<b>F</b>	-	T.	-3	-	•
		1ZE	1465°	.531T	. 531T	.656T	1492	FERT	1700	.234	.5311	.719T	1465.	.656T	.531T	.656T	1965.	719T	1462	7197	1492	T125	1965	1965.	.531T	1617.	.531T	1965.	.656T	.656T	.5311	1465 ·	.656T	1465.	.656T	.656T	1965.	.719T	.6561	.656T	.719T	.656T	·625T		•	.75	· 625T
		NAL SIZE	.375/	.375/	438/	438/	1375/	176/		1000	. 375/	.438/	.375/	.438/	.438/	.438/	.375/	438/	1887	438/	7887	438/	.375/	438/	.438/	.438/	.438/	.438/	.438/	.375/	.438/	.438/	438/	.438/	.438/	.438/	.438/	438/	1984	.438/	.438/	438/	.5007	.438/	1005.	-500/	.500/
		NOMINAL	×	×6	6 X	×		1 6 X AX				2×	×6	16x 6x	<b>8</b>	5x	1 0 X		Y	ž	×	X	X		×		×		8x 7x						×			16X10X	16x11x	18X10X	16X11X	18X11X		2X	8×		21×10×

0.7500 - 3/4 in.

1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900			SECTION	MODULUS	10					DEAN		L	FLANSE	SHEAR
*** **********************************	NAL SIZ	•	742	ZFL	INERTIA	~	Y P	4 6	AREA	DEPTH	THICK	HIDIM	THICK	AREA
1907 1575 159 16 42.1 120.3.3 122.0 9.0 7.2 15.4 17.5 12.0 2.0 6 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0 10 0.0 0.	. 2005.	:		202.1	3074.4	6.9	7.2		17.38	21.63	.500	11.00	.625	11.19
7900. 6681 61.40 44.6 213.7 3223.5 9.1 7.4 15.1 16.0 12.75 500 11.0 0 668 500 500 11.0 0 668 500 500 500 11.0 0 668 500 500 500 500 500 500 500 500 500 50	. 5007 .	.5		203.3	3129.0	9.0	7.2		17.50	21.88	.500	8-00	.875	11.3
7007 - 501	. 5007 .	2		213.7	3223.5	9.0	1.4		16.00	21.75	.500	10.00	.750	11.2
1007 - 568 1 66.10 444.5 244.5 355.7 9.3 7.9 14.5 19.6 21.75 5.50 12.0 0	. 5007.			215.3	3230.2	9.1	7.4		18.06	21.69	.500	11.00	.688	11.2
267. 7571         66.30         444.4         23.8.2         3576.7         9.3         8.0         14.5         9.0         9.0         11.0         9.7           267. 7571         66.30         444.4         23.8.2         36.7         19.9         8.6         16.9         21.75         24.75         6.65         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0         9.0         10.0 <t< td=""><td>. 2007.</td><td></td><td></td><td>242.4</td><td>3517.4</td><td>9.3</td><td>7.9</td><td></td><td>19.44</td><td>21.69</td><td>.500</td><td>13.00</td><td>.666</td><td>11.2</td></t<>	. 2007.			242.4	3517.4	9.3	7.9		19.44	21.69	.500	13.00	.666	11.2
\$257. 7501 7.95 499.1 251.9 46.27 19.4 8.2 14.4 20.13 21.88 5.2 9.0 1.10. ****  *******************************	.5007			243.2	3536.7	9.3	8.0		19.50	21.75	.500	12.00	.750	11.2
6257. 7501         77.95         69.1         6.6 16.9         21.75         26.5         10.0         75.0           6257. 7501         77.95         69.1         26.6         10.2         9.1         16.7         22.5         24.75         625         11.00         750           6257. 7501         79.0         512.3         26.6         10.2         9.1         16.4         23.2         24.75         625         11.00         750           6257. 7501         79.0         512.3         26.6         10.2         9.1         16.4         23.2         24.75         625         11.00         750           6257. 1257         85.0         40.5         10.2         15.2         22.5         24.75         625         11.00         11.2           6257. 1257         85.0         86.0         10.2         15.2         27.2         24.80         625         14.00         11.2           6257. 1257         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0         86.0	. 5007.			254.6	3677.1	4.6	8.2		20.13	21.88	.500	11.00	.875	11.32
6257         7567         7650         66.1         26.5         4473.2         10.1         0.8         16.7         22.5         24.75         .625         11.00         .750           6257         7561         756.0         512.3         29.4         6.9         16.1         25.13         52.6         10.0         .750           6257         7571         80.75         517.3         29.4         40.6         52.13         6.25         11.00         .750           6257         8751         80.75         517.3         59.4         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         10.6         <	. 625/		499.1	251.9	4268.7	6.6	9.0	6	21.75	24.75	.625	9.00	.750	15.9
6257         7587         79 05         512.3         284.6         4066.6         10.2         9.1         16.4         23.5         24.7         6.65         10.00         .875           6257         10.7         10.7         51.2         31.6         40.1         51.2         51.3         25.1         51.0         675           6257         10.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.2         51.0         10.2         15.2         25.13         625         14.00         11.2         65.1         625         14.00         11.2         65.1         625         14.00         11.2         65.1         65.2         14.00         11.2         65.1         66.2         14.00         11.2         65.1         66.2         14.00         11.2         66.2         65.13         66.2         14.00         14.2         14.2         15.1         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0         16.0	. 625/	.5	506.1	268.5	4473.2	1001	8.8	~	22.50	24.75	.625	10-00	.750	15.9
6557, 4875 160, 75 517.3 24.6 6410.5 10.3 9.3 16.3 25.13 25.48 6.625 13.00 4.125 6557, 41257 69.69 534.6 312.5 5387.1 10.6 10.2 15.13 25.13 25.13 625 13.00 4.125 6557, 41257 65.40 534.6 312.5 538.6 10.8 10.8 15.6 15.8 24.88 6.625 13.00 4.125 6557, 41257 92.65 539.2 370.8 5531.0 10.8 10.8 15.4 27.35 25.13 625 11.00 4.125 6557, 41257 93.09 548.1 355.5 5945.4 10.9 10.8 15.4 27.35 25.13 625 11.00 1.125 6557, 41257 93.09 548.1 355.5 5945.4 10.9 10.8 15.4 27.35 25.13 625 12.00 1.125 6557, 41257 95.60 54.2 382.3 6770.7 11.6 11.2 17.7 29.00 24.8 6.65 12.00 1.125 6607, 41257 98.60 57.5 406.6 5996.8 10.9 11.0 17.7 29.00 24.8 6.65 13.00 .875 6607, 41257 10.8 612.7 45.5 10.8 11.0 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.1 11.0 11.1 11.0 11.1 11.1 11.0 11.1 11.1 11.1 11.1 11.1 11.0 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11.1	.625/			284.7	4666.6	10.2	9.1	*	23.25	24.75	.625	11.00	.750	15.9
655/11257 87.44 529.5 322.5 5187.1 10.6 9.6 16.1 25.13 5.55 33 .655 9.00 1.125 6.55 .877.8 534.4 351.7 5.436.4 10.7 10.2 15.5 27.25 24.60 .625 14.00 .875 6.55 .871.3 51.2 571.3 51.0 10.8 10.5 15.4 27.2 57.25 24.60 .625 14.00 14.125 6.55 14.2 371.3 51.0 16.8 10.8 10.5 15.4 27.2 57.2 54.6 .625 14.00 14.125 6.55 14.2 371.3 51.0 16.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10	.625/			294.6	4810.5	10.3	9.3	-	23.75	24.88	.625	10.00	.875	16.0
6557, 8751         89.69         534.4         351.7         5436.4         10.7         10.2         15.5         26.36         6.48         6.55         14.00         .875           6527.1.1251         92.65         539.2         370.8         5631.0         10.5         15.4         27.35         25.13         .625         14.00         .1125           6527.1.1251         96.90         542.6         371.3         570.5         10.6         15.0         28.50         25.13         .625         14.00         .1125           6527.1.1257         96.90         542.5         40.86         599.6         11.0         11.0         17.7         28.50         25.13         .625         12.0         11.25           6527.0         8751         10.6         10.6         11.0         11.0         17.7         28.50         25.13         .625         12.0         10.0         11.2         11.2         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         12.0         12.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0	.625/1	85.4		322.5	5187.1	10.6	9.8	-	25.13	25.13	.625	9.00	1.125	16.1
6257.1257 92.65 539.2 370.8 5631.0 10.0 10.5 15.4 22.25 24.00 .625 14.00 .075 .6257.1257 92.69 548.6 371.3 570.5 11.0 11.0 11.5 11.2 17.7 28.69 26.13 .625 12.00 1.125 .6257.1257 96.90 548.1 395.5 5945.4 10.9 11.0 11.2 11.7 28.69 26.13 .625 12.00 1.125 .6257.1257 96.90 548.1 395.5 11.0 11.0 11.2 11.7 28.69 26.13 .688 9.00 1.125 .6267.1257 96.90 606.6 394.0 608.6 11.0 11.0 11.7 29.00 27.80 .688 15.00 1.125 .6267.1257 10.0 606.6 394.0 608.5 11.0 11.0 11.7 29.00 27.80 .688 15.00 .875 .6267.1257 10.0 606.6 394.0 608.5 11.0 11.0 11.0 17.1 29.94 27.80 .688 13.00 .875 .6267.1257 10.0 621.9 436.5 7407.7 11.0 11.0 11.0 17.1 29.94 28.13 .688 13.00 .875 .6267.1257 12.0 621.9 695.6 404.0 902.3 12.0 11.0 11.0 11.1 29.9 28.13 .688 13.00 .875 .6267.1257 12.0 695.6 404.0 902.3 12.0 12.2 12.9 17.1 29.94 28.13 .688 13.00 .875 .6267.1257 12.0 695.6 404.0 902.3 12.2 13.3 18.5 34.9 13.13 .750 11.0 11.125 .6267.1257 12.0 695.6 404.0 902.3 12.2 13.2 13.9 13.0 13.13 .750 11.0 11.125 .6267.1257 12.0 695.6 404.0 902.3 12.2 13.2 13.2 15.7 35.44 28.13 .688 14.00 11.125 .6267.1257 12.40 714.2 553.1 9859.2 13.1 13.0 13.7 13.3 13.9 13.3 13.9 13.3 13.9 13.0 13.1 13.5 12.0 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 13.0 13.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 14.0 15.1 15.1 15.1 15.1 15.1 15.1 15.1 15	.625/	89.6	534.4	351.7	5436.4	10.7	10.2		26.38	24.88	.625	13.00	.875	16.0
625/1.1257 93.09 542.6 371.3 5755.5 10.8 10.5 15.4 27.38 25.13 .625 11.8 10 1.125 688 97.0 1 97.90 542.6 371.3 5755.5 10.8 10.8 10.8 11.0 11.2 17.7 28.69 22.13 .625 12.0 1 1.125 688 688 12.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0 1 1.125 688 9.0	.625/	92.	539.2	370.8	631	10.8	10.4		27.25	24.88	.625	14.00	.875	16.0
-625/411257 96.90 540.1 395.5 5995.4 10.9 10.6 15.0 20.50 25.13 .625 12.00 1.125 -628/41257 97.55 606.2 382.3 677.7 11.6 11.7 14.7 29.00 22.8 6 .625 12.00 1.125 -628/41257 97.55 606.2 382.3 677.7 11.6 11.7 14.7 29.00 22.8 6 .625 12.00 1.125 -628/4.257 101.80 605.6 394.0 6630.5 11.6 11.3 17.4 29.04 27.8 6 .668 13.00 .875 -628/4.1257 105.20 621.9 435.5 7407.7 11.9 17.0 30.9 4 20.05 27.8 6 .688 13.00 .875 -628/4.1257 105.20 621.9 435.5 7407.7 11.9 17.0 30.9 4 20.13 .688 13.00 .875 -628/4.1257 115.19 695.6 404.0 9027.3 12.0 13.0 18.7 33.8 33.8 .750 11.00 11.125 -628/4.1257 116.59 705.9 9027.3 12.0 13.3 16.5 34.0 26.13 .688 14.00 11.125 -628/4.1257 126.50 645.2 543.9 9652.9 12.2 12.9 16.0 34.31 20.13 .688 14.00 11.125 -759/4.1257 126.50 645.2 543.9 9652.9 12.2 12.9 15.7 35.40 26.13 .688 14.00 11.125 -759/4.1257 126.50 645.2 543.9 9652.9 12.2 13.3 15.0 13.13 .750 14.00 11.125 -759/4.1257 126.50 649.8 570.2 970.2 13.3 13.5 15.4 26.13 .688 15.00 11.125 -759/4.1257 124.30 649.8 570.2 970.2 12.3 13.5 15.4 26.3 34.3 .750 14.00 11.125 -759/4.1257 144.94 818.6 631.9 12528.1 14.0 15.3 19.8 42.63 34.3 .875 10.00 11.125 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.3 19.0 42.63 34.3 .875 10.00 11.35 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.4 44.00 34.38 .875 10.00 11.35 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.4 44.0 03 34.3 .875 10.00 11.35 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.4 44.0 03 34.3 .875 10.00 11.35 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.4 44.0 03 34.3 .875 11.00 11.35 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.1 46.50 34.13 .875 14.00 11.375 -875/4.1257 144.94 818.6 631.9 12528.1 14.0 15.7 19.4 44.00 37.30 .875 14.00 11.375 -875/4.13757 144.94 818.6 631.9 12528.1 14.0 15.3 19.8 42.63 34.13 .875 14.00 11.375 -875/4.13757 144.94 818.6 831.4 892.1 13.8 13.0 8.2 8 37.13 .875 14.00 11.375 -875/4.13757 144.96 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6 818.6	.625/		542.6	371.3	5705.5	10.8	10.5		27.38	25.13	.625	11.00	1.125	16.1
.686/1.1257 97.55 606.2 382.3 6770.7 11.6 11.2 17.7 28.69 28.13 .688 9.00 1.122 .626.6 .8757 98.60 547.6 408.6 10.9 11.0 11.6 11.7 29.06 27.86 .688 12.00 .875 .688/ .8757 101.80 612.7 415.1 7085.0 11.0 11.6 17.1 29.06 27.86 .688 11.0 12.00 .875 .688/ .8757 101.80 612.7 415.1 7085.0 11.0 11.0 17.1 29.06 27.86 .688 11.0 12.00 .875 .688/1.1257 105.10 652.6 404.0 9927.3 11.0 11.0 11.0 11.0 17.1 29.04 27.86 .688 11.0 11.25 .688/1.1257 116.65 640.1 516.6 6255.9 12.2 12.9 16.0 34.31 28.13 .688 11.0 11.25 .750/.1257 116.65 640.1 516.6 6252.9 12.2 12.9 16.0 34.31 28.13 .750 11.0 11.125 .750/.1257 126.50 640.2 57.0 9769.0 12.2 12.7 15.7 18.2 56.0 31.13 .750 11.0 11.125 .750/.1257 126.5 640.1 516.6 6252.9 13.3 18.6 51.3 .750 14.0 11.125 .750/.1257 126.5 640.1 516.6 6252.9 13.3 18.6 51.3 .750 14.0 11.125 .750/.1257 126.5 126.5 640.1 516.6 6252.9 13.3 18.6 51.3 .750 14.0 11.125 .750/.1257 126.5 126.5 640.1 516.6 12.2 12.2 12.7 13.0 13.1 3.6 12.0 13.1 3.7 16.2 56.0 13.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.	.625/		548.1	395.5	5945.4	10.9	10.8	_	28.50	25.13	.625	12.00	1.125	16.1
686/ 685/ 685/ 686 647.5 408.6 5996.8 10.9 11.0 14.7 29.00 24.68 .625 16.00 .075 686/ 685/ 685/ 606.6 394.0 6838.5 11.6 11.5 17.4 29.06 27.88 .688 12.0 0 .875 686/ 685/ 101.80 610.6 610.6 5394.0 610.6 11.3 17.4 29.06 27.88 .688 12.0 0 .875 686/ 685/ 101.80 610.6 610.6 5394.0 11.6 11.6 11.6 17.1 29.94 28.13 .688 11.0 11.125 686// 1125/ 101.80 612.9 436.5 7407.7 11.9 11.9 17.0 30.94 28.13 .688 11.0 11.25 750/ 685/ 115.19 695.6 40.1 516.6 625.9 12.2 12.9 16.0 34.13 .750 11.0 11.125 750/ 1125/ 116.65 640.1 516.6 625.9 12.2 13.2 15.7 35.44 28.13 .688 14.0 11.125 750/ 685/ 1125/ 126.6 65.2 54.9 965.9 12.2 13.2 15.7 35.44 28.13 .688 15.0 11.25 750/ 685/ 126.7 173.8 537.9 9769.7 13.0 13.7 18.2 36.9 31.3 .750 11.0 11.125 750/ 687/ 1125/ 126.40 774.2 553.1 9559.2 13.1 13.8 17.8 36.50 31.3 .750 11.0 11.125 750/ 687/ 1125/ 126.40 774.2 553.1 9559.2 13.1 13.8 17.8 36.50 31.3 .750 11.0 11.125 750/ 687/ 1125/ 126.40 774.2 553.1 9559.2 13.1 13.8 17.8 36.50 31.3 .750 11.0 11.125 750/ 687/ 1125/ 126.40 774.2 553.1 1049.3 12.9 16.2 40.1 31.3 .750 14.0 11.125 750/ 687/ 1125/ 144.99 813.6 623.2 12376.3 13.9 16.2 40.2 38.13 .875 10.0 11.325 875/ 1125/ 144.99 813.6 633.9 1356.8 14.8 15.9 14.2 6.3 34.13 .875 10.0 11.375 875/ 1125/ 1125/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 1121/ 112	.688/1.12		606.2	382.3	6770.7	11.6	11.2		58.69	28.13	.688	9.00	1.125	19.8
686/ 8757         98.80         606.6         394.0         6836.5         11.6         11.3         17.4         29.06         27.80         .686         12.00         .875           688/ 4875         101.80         621.2         436.5         740.7         11.9         11.6         17.0         30.94         27.80         .686         13.00         .875           688/ 407.1         11.9         11.6         11.6         17.0         30.94         27.13         .686         13.00         .875           750/ 407.1         11.6         12.2         12.9         16.0         34.31         26.13         .686         14.00         14.25           750/ 407.1         12.2         12.9         12.2         12.9         16.0         34.31         26.13         .686         14.00         14.25           750/ 407.1         12.2         12.9         12.2         12.9         16.0         34.31         26.13         .686         14.00         14.25           750/ 407.1         12.2         12.2         12.9         13.3         13.3         75.0         14.00         11.25           750/ 407.1         12.2         12.2         12.2         12.2         13.2 <td>.625/ .87</td> <td></td> <td>547.5</td> <td>4.08.6</td> <td>8.9665</td> <td>10.9</td> <td>11.0</td> <td></td> <td>29.00</td> <td>24.88</td> <td>.625</td> <td>16.00</td> <td>.875</td> <td>16.0</td>	.625/ .87		547.5	4.08.6	8.9665	10.9	11.0		29.00	24.88	.625	16.00	.875	16.0
*** **********************************	.6887 .87		9.909	394.0	6838.5	11.6	11.3		29.06	27.88	.688	12.00	.875	19.7
-680/11257 105.20 621.9 436.5 7407.7 11.9 11.9 17.0 30.94 26.13 .688 11.00 1.125 750/1.1257 115.19 695.6 494.0 9027.3 12.8 13.0 18.7 33.88 37.88 .750 13.00 .675 750/1.1257 116.59 705.9 507.3 9409.8 12.9 12.2 13.3 16.5 34.88 31.3 .750 11.00 1.125 .750/1.1257 116.59 705.9 507.3 9409.8 12.9 13.2 15.7 35.44 26.13 .608 15.00 1.125 .750/1.1257 120.50 645.2 543.9 8522.9 12.2 13.2 15.7 35.44 26.13 .608 15.00 1.125 .750/1.1257 120.6 5640.7 13.8 53.0 13.2 15.7 35.44 26.13 .608 15.00 1.125 .750/1.1257 120.7 120.9 507.3 8522.9 12.2 13.7 18.2 56.00 31.13 .750 12.00 1.125 .750/1.1257 124.30 649.8 570.2 8770.7 12.3 13.5 15.4 36.5 28.13 .688 16.00 1.125 .750/1.1257 124.30 649.8 570.2 8770.7 12.3 13.9 18.2 40.00 31.3 .750 140.00 1.125 .750/1.1257 124.90 72.2 12376.3 12.9 18.2 40.00 31.3 .750 140.00 1.125 .875/1.1257 144.94 818.6 634.8 13966.8 14.8 15.2 19.7 42.38 34.13 .875 10.00 1.125 .875/1.1257 149.60 829.1 670.7 13126.7 14.1 15.7 19.4 44.00 34.38 .875 11.00 1.375 .875/1.1257 149.60 829.1 1316.0 14.1 15.3 19.8 60.75 37.13 .875 14.00 1.375 .875/1.1257 149.60 829.1 1316.0 14.1 15.2 19.1 46.50 37.50 .875 14.00 1.375 .875/1.1257 149.60 829.1 1313.7 17331.7 15.5 18.3 19.8 50.75 37.50 .875 14.00 1.500 1.500 .875/1.1257 172.55 947.4 873.7 17331.7 15.5 18.3 19.8 50.75 37.50 .875 14.00 1.500 1.500 .875/1.1257 172.55 947.4 873.7 17331.7 15.5 18.3 19.8 50.75 37.50 .875 14.00 1.500	.688/		612.7	415.1	7065.0	11.8	11.6		56.62	27.88	.688	13.00	.875	19.7
750/ .8751         115.19         695.6         404.0         9127.3         12.2         13.0         10.7         33.88         30.08         .750         13.00         .075           568/1.1257         116.65         640.1         516.6         0255.9         12.2         12.9         16.0         34.31         .750         11.00         1.125           568/1.1257         116.55         640.1         516.6         0252.9         12.2         12.2         15.7         35.40         28.13         .666         14.00         1.125           688/1.1257         126.0         12.2         13.7         18.5         36.90         31.13         .750         12.2           750/1.1257         122.40         713.8         570.2         17.0         13.2         15.0         36.50         30.00         14.125           750/1.1257         122.40         713.8         570.2         13.1         13.2         14.4         17.5         36.50         30.00         14.125           750/1.1257         124.0         750.2         13.1         13.2         14.4         17.5         36.25         31.13         750         14.2           875/1.1257         136.0         13.2	•		651.9	36	7.407.7	11.9	11.9	•	30.94	28.13	.688	11.00	1.125	19.8
*** **********************************	•		9.569	0.494	9027.3	12.8	13.0	1	33.88	30.88	.750	13.00	.875	23.7
**************************************	.688/1.12		640.1	516.6		12.2	15.9		34.31	28.13	.688	14.00	1.125	19.87
**Settlight**	.750/1.12		105.9	507.3	9.60%6	15.9	13.3	.5	34.88	31.13	.750	11.00	1.125	23.91
750/11257 122.40 713.8 537.0 9769.7 13.0 13.7 18.2 36.00 31.13 .750 12.00 1.125 750/11257 124.10 714.2 553.1 9659.2 13.1 13.8 17.8 36.50 10.86 .750 16.00 .875 750/11257 124.10 714.2 553.1 9659.2 13.1 13.5 15.4 36.56 28.13 .600 16.00 .875 875/11257 124.30 6496 570.2 8770.7 12.3 13.5 15.4 36.56 28.13 .600 11.25 875/11257 136.00 733.3 559.7 10499.3 12.9 13.9 18.2 40.00 31.38 .875 10.00 1.375 875/11257 144.94 818.6 634.8 12528.1 14.0 15.3 19.8 42.63 34.13 .875 10.00 1.375 875/11257 149.60 829.1 670.7 140.1 15.7 19.4 44.00 34.30 .875 10.00 1.375 875/11257 149.60 829.1 670.7 1306.0 14.1 15.7 19.4 44.00 34.30 .875 11.00 1.375 875/11257 149.60 829.1 13166.0 14.1 15.7 19.4 64.50 37.50 .875 14.00 1.375 875/11257 172.55 947.4 873.7 1731.7 15.5 18.3 19.8 50.75 37.30 .875 14.00 1.375 875/11507 158.10 918.5 743.3 15714.2 15.2 17.1 21.1 46.50 37.50 .875 14.00 1.375 875/11507 183.60 968.0 968.9 18521.2 15.7 19.1 19.1 54.00 37.50 .875 15.00 1.500	.688/1.12	120.50	2.549	543.9	8522.9	12.2	13.2		35.44	28.13	.688	15.00	1.125	19.87
**************************************	.750/1.12	122.40	713.8	537.0	9769.7	13.0	13.7	2	36.00	31.13	.750	12.00	1.125	23.91
**S\$\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\tex{	.750/ .87	124.10	714.2	553.1	9859.2	13.1	13.8		36.50	30.88	.750	16.00	.875	23.7
**************************************	.588/1-12	124.30	8.649		8770.7	12.3	13.5		36.56	28.13	.688	16.00	1.125	19.8
**************************************	.750/1.12	130.05	727.6	35	10441.7	13.2	14.4		38.25	31.13	.750	14.00	1.125	23.9
**************************************	.875/1.37	136.00		29		15.9	13.9	2.	40.00	31.38	.875	10.00	1.375	28.11
**************************************	.875/11.12	144.09	813.8	23.	12376.3	13.9	15.5		45.38	34.13	.875	12.00	1.125	30.52
.875/1.1257 145.35 879.6 634.8 13966.8 14.8 15.9 22.0 42.75 37.13 .875 10.00 1.125 .875/1.1257 149.60 829.1 670.7 13024.7 14.1 15.7 19.4 44.00 34.38 .875 11.00 1.375 .875/1.1257 149.60 829.1 670.7 13024.7 14.1 15.9 19.0 44.63 34.13 .875 14.00 1.375 .875/1.1257 15.10 918.5 74.3 31.5 14.00 1.125 .875/1.201 158.10 918.5 74.3 31.5 17.2 17.2 17.2 17.3 19.8 50.75 37.50 .875 10.00 1.375 .875/1.3757 172.55 947.4 873.7 17331.7 15.5 18.3 19.8 50.75 37.38 .875 14.00 1.375 .875/1.5007 183.50 968.0 968.9 18521.2 15.7 19.1 19.1 54.00 37.50 .875 15.00 1.500	.875/1.37	•	818.6	631.9	12528.1	14.0	15.3	_	45.63	34.38	.875	10.00	1.375	30.7
.875/1.3757 149.60 829.1 670.7 13024.7 14.1 15.7 19.4 44.00 34.38 .875 11.00 1.375 30 .875/11.257 151.74 830.4 692.1 13166.0 14.1 15.9 19.0 44.63 34.13 .875 14.00 1.125 30 .875/1.5007 158.10 918.5 743.3 15714.2 15.2 17.1 21.1 46.50 37.50 .875 14.00 1.500 33 .875/1.3757 172.55 947.4 873.7 1731.7 15.5 18.3 19.8 50.75 37.38 .875 14.00 1.375 33 .875/1.5007 183.60 968.0 968.9 18521.2 15.7 19.1 19.1 54.00 37.50 .875 15.00 1.500 33	.875/1.12	5.3	9.618	634.8	13966.8	14.8	15.9	22.0	45.75	37.13	.875		1.125	33.15
.875/1.1257 151.74 830.4 692.1 13166.0 14.1 15.9 19.0 44.63 34.13 .875 14.00 1.125 30 .875/1.5007 158.10 918.5 743.3 15714.2 15.2 17.1 21.1 46.50 37.50 .875 10.00 1.500 33 .875/1.3757 172.55 947.4 873.7 17331.7 15.5 18.3 19.8 50.75 37.38 .875 14.00 1.375 33 .875/1.5007 183.60 968.0 968.9 18521.2 15.7 19.1 19.1 54.00 37.50 .875 15.00 1.500 33	.875/1.37	9.6	829.1	20	13024.7	14.1	15.7	19.4	44.00	34.38	.875	-	1.375	30.7
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.875/1.500T 183.60 968.0 968.9 18521.2 15.7 19.1 19.1 54.00 37.50 .875 15.00 1.500 .	.875/1.37	2.5	947.4	873.7	17331.7	15.5	8			37.38	.875	14.00	1.375	33.3
- 3/4	.875/1.50	3.6	968.0	6.896	18521.2	15.7	19.1				.875		20	33.4
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701	747	16.1	24.2	19.7	34.4	0	41.6	33.5	27.3	47.0	62.7	73.6	56.4	57.5	84.9	75.4	64.1	95.6	7.46	83.0	103.0	6.06	87.3	112.0	91.1	107.9	123.2	137.4	156.8	129.6	144.9	159.4	134.4	151.9	7010	158.5	144	180.3	2	167.3	51	168.1	190.9	75	175.7
-	- 1	22	66	20	3.40	3.60	4.05	69.4	5.10	5.30	5.95	6.15	6.39	6.60	7.00	7.24	7.45	69	85	60	20	15	25	62	50	9	19	82	0 2	52	64	000	2 :	10	*	12.95	10	13.60	13.80	14.04	14.25	14.45	14.89	15.10	15.30
175	175	.1881	.188T	.188T	.1881	.188T	.1881	.313T	.313T	.313T	.313T	.250T	.313T	. 250T	.250T	.250T	.313T	.313T	.250T	.313F	.313T	.3131	.438T	.313F	.375T	.438T	.3751	.3131	.3131	-4381	. 37.51	. 31.31	1010	1054.	3 :		12	3751	3	37.51	43	43		.438T	37
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	SHEAR	REA	.33	.83	. 81	.56	.33	.81	.58	.58	.16	2.33	2.83	.18	.58	4.16	20	.83	.18	4-16	.20	4.18	•16	4.20	.18	.75	.78	• 50	.18	99.	5.08	.03	4.20	.78	. 83	5.15	.20	. 80	.78	.75	.20			.78	.62	.65
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	FLA	HIDIH	6.00	5.00	6.00	7.00	7.00	7.00	7.00	4-00	4.00	8.00	7.00	4.00	8.00	5.00	4.00	8.00		6.00	5.00		7.00	9.00	7.00	-			-	-	0	900	8.00			-		6.00	-		-			8.00		5.00
	MEB	THICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	.313	.313	.375	3	.375	313	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438	.438
*** BEA		4	8.44	4.0	10.38	9.38	8.44	10.38	9.44	10.56	12.41	8.44	10.44	2	9.44	2.4	12.53	10.44	12.47	12.41	12.53	12.47	15.41	10	12.47		2	2	5.4		5.6		1	14.53	9	*	.5	14.59	.5	*	.5	9	.5	;	.5	6.5
******		AREA	4.63	69.4	4.75	4.88	90.5	5.13	5.31	5.38	5.38	.5	5.56	5.63	1.	1.		9.00		61.9	6.41	95.9	6.59	96.9	7.03	7.13		7.47		7.63	2.7	0 0	8.00		.5		8.53	6.81	·.	•	-	9.19	*	9.50	9.	6.
		7.	4.9	9.8		8.7	4.8	9.6	8.7			7.7	9.5				11.5	4.6			11.3				11.1						211			12.7		15.6		15.6				15.6	12.4		14.3	
		YP	1.4	1.5	1.5	1.5	1.5	1.7	1.6	1.6	1.7	1.6	1.8	1.0	1.7	1.9	1.9	1.9	2.0		2.1	2.1						•				2.5				2.8							3.0	3.1	3.1	3.2
		œ				5.9									3.1		3.7			3.8	3.9	3.9	3.9	4.1	4.1	4.3	2.2	m.	**		2.		9		6.4		4.6	5.0						2.5		5.5
		INERTIA	219.0	305.1	309.2	276.1	244.5	343.1	309.3	330.0	404.7	269.6	382.4	437.7	340.2	455.6	471.0	-		506.0	537.0	553.4		601.0	2.609		701.9		;	•	•	787.5		:	890.2	882.0	2		:	952.4			:	1029.7	1114.3	1178.2
	MODULUS	ZFL	27.6	31.2	31.9	31.6	31.2	35.7	35.6	33.7	35.0	34.8	40.1	38.0	39.6			44.5		44.8	47.4	49.3	6	3	25.0		53.8		2.09	:	:	64.3				70.0		73.8						83.5		
	SECTION	742	159.3	199.3	200.0	183.0	166.0	207.8	191.0	202.3	233.2	171.8	216.0	240.7	197.1	244.2	247.7	22.	52.	53.	.65		62.	269.3		.68	296.8	17.	11.	03.		500	284.5	19.		320.3	90.	-92		327.5		32.		335.6		
		HT/FT	15.74	15.95	16.15	16.53	17.20	17.44	18.05	18.29	18.29	18.70	18.90	19.14	19.55	19.65	19.99	20.40	20-71	21.05	21.79	22.30	22.41	D	0	N	8		10	T .		26.69	2	-	0	0	0	•	10	2	-	C	m	M	2	æ
		141	.438T	.438T	.375T	.375F	.438T	.37 ST	.438T	.563T	1904.	.438T	.438T	1694	.438T	1904.	.531T	.438T	1694	1904	.531T	1694.	-406T	.531T	1694	1694.	.531T	. 531T	1691	1465.	1959	1969.	5311	.531T	.656T	1694.	.531T	1465.	.531T	1694.	.531T	.656T	1965 ·	.531T	.531T	. 594T
		NAL SIZE		-		. 250/											.313/						.313/							. 375/	1615	375/	3	375/	15		. 313/		21	25		15	15	25	38/	
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NGE	THICK	204	524	100.	100.	.020	.594	•656	165.	.531	.719	765	.656	5 2 3 4	456	100	*66.	. 119	.594	.719	165.	.531	.594	165.	.531	.719	.531	. 594	.656	.656	.531	.594	969.	.594	•656	.656	.594	.719	•656	9699	.719	.656	.625	.656	SAA	750	6.26	.750	
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DINE	THICK	275	275	6.30	000	001	.375	.375	.438	.375	.438	375	438	4.48	9 4	275	. 31.5	.438	,438	.438	.438	.438	.375	.438	.438	.438	.438	438	.438	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	438	500	200		. 500	
BEAN	-	. u	2	2		0	S	9	5	5	-	C	. 4	U	1	0	2	-	2	-	2	5	5	5	5	-	6.5	' LC	8.6	9	5	5	9	5	9	9	2	~	9	9	-	8.6	1.6	8.6	1	1		21.75	
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	*																																							;		3						16.5	
	4 A				200								3.5	A. A.			0 1	3.1	3.9	3.9	3.8	3.8	3.7	4.1	4.2	4.2	0.4	4.0	4.3	3.9			4.5	4.4	4.4	4.8	4.8	4.6	4.6				5.5						,
	α			200	0 .	2.0		2.5	2.5	5.5	5.7	5.5	8				0.0	9.0	4.9	6.5	6.1	6.1	5.7	9.9	2.9	2.9	6.2	6.2	6.8	5.9	6.8	4.9	7.0	6.5	6.5	7.2	7.2	2.9	2.9	7.3	6.8	7.5	8.0	7.6	2.8		2	8	- 7/8
	INFRITA	4 1 0 6			1613.	. 1	528.	1179.0	292.	179.	304.		1366.2	584	1642.3	2000	1509.5	438.		689	-609		349.	811.	80	54.	409	613.	905.	41	-946	716.	57.	1812.6	54.	96	98.	35.	30.	331.	043.	461.	2888.8	588	033	173		3375.1	20
SIL HOOM	ZFL				***	-									102.6		-		-	-			-	118.2				120.0						-	-	-	-	-	-	-	-							204.2	
SECTION	Z P.	1 6	1000	200		6.57	01.2	8.8	16.7	48.0	78.5	1.64	43.4	0.01			0.00	2.69	27.7	29.3	2*16	93.9	60.09		38.7	41.4	00.5		43.1		49.4	8.70	54.0	13.3	14.5		61.5		20.0	2.89		8.42		80.3	37.5	44.7	7 97	53.8	
	WIVET		•	•			.5	-		6	-	-						*	6	-		0		6	2	3	8	41.96	3	3			9		-	.3	6	2		-	9.		2.7	3.5	4	1		58.65	
	75		- 2341	. 2311	. 2311	1960.	1465.	.656T	1965.	.531T	1617.	1465.	.656T	1125°	1999	1700	1966.	1617.	1465.	1617.	1965.	.531T	1465.	1465.	.531T	.719T	.531T	1465.	.656T	.656T	.5317	1465.	.656T	1965.	.656T	.656T	1465 ·	1617.	.656T	.656T	1917.	.656T	62	65	89	7501	3	1057.	
	NAI ST	275	175	1010	1004.	1004	.375/	.375/	1884	.375/	438/	375/		4381	1.38	1757	1010	.438/	.438/	.438/	.438/	.438/	.375/	1884.	.438/	.438/	438/	438/	.438/	.375/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	500	438/	500	200	200	.5007	
	THON								×	×	×	×	×	*		:	< :	×	×	×	×	×	×	×	×	×	×		×	×	×	×			-			-										21x 9x	

SHEAR	AREI	11.25	11.30	11.31	11.28	11.26	11.31	11.3	16.02	16.02	16.02	16.10	16.29	16.10	16.11	16.25	16.29	19.96	16.10	19.76	19.78	19.96	23.82	19.96	24.00	19.96	24.00	23.85	19.9	24.00	79.67	20.02	22.0	30.05	30.00	33.5	33.6	33.56	
SE.	THICK	.625	.875	.750	.688	.688	.750	.875	.750	.750	.750	.875	1.125	.875	.875	1.125	1-125	1-125	.875	.875	.875	1-125	.875	1-125	1.125	1-125	1.125	.875	1.125	1.125	1.375	1.165	1 1 26	1.375	1.126		1.375	1.500	
PLANGE	MIDTH	11.00	8.00	10.00	11.00	13.00	12.00	11.00	9.00	10-00	11.00	10.00	9.00	13.00	14.00	11.00	12.00	9.00	16.00	12-00	13.00	11-00	13.00	14.00	11.00	15.00	12.00	16.00	16.00	14-00	10.00	16.00		•	14-00		14-00	15.00	
ME B	THICK	.500	.500	.500	.500	.500	.500	.500	.625	.625	.625	.625	.625	• 625	• 625	• 625	.625	.688	• 625	.688	.688	.688	.750	.688	.750	.688	.750	.750	.688	052.		.012	875	875	876	875	875	.875	
			21.88	21.75	21.69	21.69	21.75	21.88	24.75	24.75	24.75	24.88	25.13	24.88	24.88	25.13	25.13	28-13	24.68	27.88	27.88	28.13	30.68	28.13	31.13	28.13	31.13	30.88	28.13	31.13	31.38	21. 48	27.42	34. 48	•	4 6		37.50	
	AREA	17.38	17.50	18.00	18.06	19.44	19.50	20.13	21.75	22.50	23.25	23.75	7			27.38		58.69			29.94			34.31	34.88	35.44	36.00	36.50		•	•	1.2 6.30		74.00	2444				
	YF	16.4	16.6	16.3	16.2	15.7	15.8	15.7	18.2	18.0	17.7	17.7	17.5	16.9	16.6	16.8	16.5	19.2	16.1	18.8			20.2		20.1						13.0	21.5	22 7		20.7	22.0		20.9	
	YP	6.1	6.2	6.3	4.9	9.9	8.9	7.0	7.4	7.7	7.9	8.1		8.9	9.2	9.5	9.5	9.6	9.6	6.6	10.2	10.5	11.5	11.5	11.9	11.8	12.2	12.3	15.1	12.8	12.5	13.	1000	14.2	1 1 1	2	16.7	17.5	
	~	8.5	9.6	8.7	8.7	9.0	9.0	9.1	9.6	8.6	10.0	10.1	10.3	10.5	10.6	10.7	10.6	11.5	10.8	11.5	11.6	11.8	12.7	12.2	12.9	12.3	13.0	13.0	12.3	13.2	12.9	14.0	1 4 4	14.0	200	1 2 4	15.7	15.9	
	INERTIA	3393.2	3454.5	3565.9	3574.3	3912.0	3934.2	4 099.0	4732.6	4970.5	5196.6	5364.0	5805.0	6105.7	6338.7	6423.3	6712.3	7584.8	6780.1	7668.9	7961.1	8340.3	10144.2	9360.0	10591.4	3684.2	11018.8	11131.6	9986.6	11822.3	11499.7	13940.3	15676 0	14699.0	14873 4	17710.3	19630-1	940	
MODOLUS	ZFL	207.2	208.5	219.1	220.6	548.4	249.3	261.0	259.7	276.7	293.4	303.6	332.5	362.3	361.9	382.7	407.6	395.4	420.8	407.2	458.9	451.2	501.6	533.8	6525	561.9	526.5	572.8	589.1	617.1	952.0	654.5	661 6	607.8	719.6	776.2	909.1		
		553.7					75.1	2	.5	48.7		663.4	679.2	_	92.3		6.				6.092				892.7			*	9.82	20.3	50.7		66.7	1022	1027.5	5 5	1178.1		
	FT		.50	20	0,	10	66.30	68.44	73.95	76.50	79.05	80.75	85.44	89.69	95.65	93.09	06.96	97.55	98.60	98.80	101.80	105.20	115.19	116.65	118.59	120.50	122.40	124.10	124.30	130.05	200	144.03	25	, ,	12		20	183.60	
	I ZE				.688T	.688T	.750T					.875T		1578.	1878·	.625/1.125T	625/1.125T	.688/1-1257		.875T	.688/ .8751	. 688/1.125T	.750/ .875T	1.1257	.750/1.125T	.688/1-125T	.750/1.1257	.7507 .875T	.688/1.1257	. 750/1-1251	16/5/1/6/00	975/10165	975/1 125T	875/1.1757	875/1.125T	875/1.500T	13751	50	
	NOMINAL SIZE	.5007	.5007	.5007	.5007	.5007	.500/	.500/	1629.	1929.	1629.	.625/	1929.	.625/	1629.	.625/	.625/	.6887	.625/	.688/	.688/	. 6887	1201	.6887	.750/	.688/	.7507	.750/	.688/	.750/	16/00	1616.	975/	875/	875/	475/	875/1-37	.875/1	
	NON				21X11X					24X10X							24×12×												27×16×	30×14×	30X10X	33X1CX	201755	33×44×	3 3 X 1 L X	TAXIOX	36×14×	36X15X	

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TINE NOINE N

BEAM

IN. PLATE (ARFA= 38.60 SQ.IN.)

in.

DIMENSIONS

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1.000 IN. PLATE (AREA= 39.00 SQ.IN.)

MAY   STEE   WINTER   ZFL   INKRITA   R   P   P   P   P   P   P   P   P   P			SECTION	MODULUS	S					BEAN	WEB WEB	Ŀ	FLANSE	SHEAR
500         500         6041.0         212.1         3559.3         8.1         5.3         17.5         17.5         2.65         .50         10.0         .50         10.0         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50         .50	NOMINAL SIZE	-	ZPL	ZFL	INERTIA	~	YP	YF	AREA	DEPTH	THICK	HIDIM	THICK	AREA
5007	. 5007.		691.0	211.1	3659.3	9.1	5.3	17.3	17.38	21.63	.500	11.00	.625	11.32
5907         6807         6812         682         6 8.3         55         17.2         18 0.0         21.6         500         10.0         750         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         66.0         11.0         11.0         1	. 5007 .	. 5	9.969	212.6	3726.2	8.2	5.3	17.5	17.50	21.88	.500	8.00	.875	11.44
5907         5808         61.40         71.5         5.6         6.0         11.0         60.80         11.5         5.5         17.5         11.6         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         6.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0	. 2007 .		701.5	223.2	3852.6	8.3	5.5	17.3	18.00	21.75	.500	10.00	.750	11.38
500/ 7561 66.46 778.7 255.9 4265.7 8.6 5-9 16.8 19.50 21.75 5-60 13.0 13.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6.60 11.0 6	. 5007 .		701.5	224.8	3862.6	8.3	5.5		18.06	21.69	.500	11.00	.688	11.35
5507. 8750	. 5007	66.10	718.1	253.0	4245.3	8.6	5.9		19.44	21.69	.500	13.00	.688	11.35
5507         7551         68.4         72.0         22.5         9.4         6.1         16.8         21.7         5.2.7         6.2.7         9.1         75.0         17.9         75.0         17.9         75.0         17.9         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0         75.0         18.0	. 5007 .	66.30	719.7	253.9	4269.9	9.6	6.6	16.8	19.50	21.75	.500	12.00	.750	11.38
6557, 7501 7395 7955 2654 5129, 6 9.3 64 19.3 21.75 64.75 625 9.00 750 16. 6.557 7501 7395 616.0 9.0 9.0 9.0 16. 6.557 7501 75. 18. 6.557 9.00 750 16. 6.557 9.00 750 16. 6.557 9.00 750 16. 6.557 9.00 750 16. 6.557 9.00 750 16. 6.557 9.00 750 16. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.557 9.00 75. 18. 6.659 9.00 75. 18. 6.659 9.00 75. 18. 6.659 9.00 75. 18. 6.659 9.00 75. 18. 6.659 9.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75. 18. 6.00 75.	. 5007.		728.2	265.9	4456.7	8.8	6.1	16.8	20.13	21.88	.500	11.00	.875	11.44
6257, 7501 76.50 807.5 283.1 5597.6 9.4 6.7 19.1 22.50 24.75 625 110.0 7750 16. 6.257, 8751 179.05 868.0 370.1 5593.6 9.4 6.5 19.0 23.75 24.86 6.25 110.0 750 16. 6.257, 8751 18. 6.257, 8751 18. 6.257, 8751 18. 6.257 13. 6.25 110.0 8.75 16. 6.257, 8751 18. 6.257 13. 6.25 110.0 8.75 16. 6.257, 8751 18. 6.257 13. 6.25 13. 6.25 13. 6.25 13. 6.25 13. 6.257 15. 6. 6. 6. 9 10.0 7.5 16. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8751 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18. 6. 257, 8752 18	. 625/		795.5	265.8	5129.6	9.3	9.9	19.3	21.75	24.75	•625	9.00	.750	16.09
6257, 7501         79,05         888.0         300.1         5653.6         9.6         6.9         18.0         23.75         24.86         625         11.00         750         16.0         75.0         18.0         23.75         24.80         625         11.00         78.1         18.0         25.13         625         11.00         17.5         18.0         25.13         625         11.00         17.5         18.0         25.13         625         11.00         17.5         18.0         25.13         625         13.0         875.1         18.0         27.2         28.0         625         13.0         875.2         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0         18.0         875.0<	. 625/		807.5	283.1	5397.6	4.6	6.7	7	22.50	24.75	.625	10.00	.750	16.09
6257, 1875         86.4         310.6         5842.3         9.7         7.1         18.8         23.7         24.86         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1         625.1	. 625/		818.0	300.1	5653.6	9.6	6.9		23.25	24.75	.625	11.00	.750	16.09
625/1125T 8544 846.8 340.3 6342.5 10.0 7.5 10.6 25.13 5.62 9.00 1.125 16. 655/1125T 85.44 846.8 340.3 6342.5 10.0 7.5 10.6 25.13 5.62 13.00 .075 16. 655/1125T 99.65 664.1 37.5 10.4 10.2 7.8 12.1 26.3 24.8 5.25 14.00 .075 16. 655/1125T 99.65 664.1 37.5 10.4 10.2 8.1 17.8 77.25 24.8 5.25 14.00 .075 16. 655/1125T 97.95 999.3 405.6 370.1 10.5 8.4 17.7 20.5 25.13 5.62 11.00 1.125 10. 656/1125T 97.95 999.3 405.6 370.1 10.5 8.4 17.7 20.5 20.8 25.13 5.62 11.00 1.125 10. 656/1125T 97.95 999.3 405.6 370.1 11.2 8.7 10.5 8.4 17.7 20.5 20. 25.13 5.62 10.0 1.125 10. 656/1125T 97.95 999.3 405.6 370.1 11.2 8.7 10.5 8.9 17.4 20.0 24.8 6.25 15.00 1.125 10. 656/1125T 97.95 99.0 477.5 10.6 8.5 11.4 20.0 24.8 6.25 16.00 1.125 10. 10.5 60.1 11.2 8.7 10.5 8.9 10. 24.8 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	.625/		826.4	310.6	5842.3	1.6	7.1		23.75	24.88	.625	10.00	.875	16.18
6257.8751 89.69 655.9 370.5 6691.4 10.2 7.8 18.1 26.36 24.86 .625 13.00 .875 16. 6257.8751 85.5 666.1 390.5 6591.4 10.3 6.1 17.6 27.5 24.86 .625 14.00 1.875 16. 6257.1.125 19. 93.09 669.5 331.5 7865.3 10.5 6.1 17.6 27.5 25.8 24.86 .625 14.00 1.875 16. 6257.1.125 19. 93.09 669.5 331.5 7865.3 10.5 6.4 17.7 28.5 24.86 .625 13.00 1.125 16. 6257.1.125 19. 96.0 679.5 417.0 7389.7 10.5 8.4 17.7 28.5 26.8 25.13 .625 12.00 1.125 10. 6257.1.25 19. 99.60 878.5 417.5 7873.5 10.5 8.7 28.5 28.6 27.8 6.5 12.00 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125 10. 1.125	•		8.6.8	340.3	6342.5	10.0	7.5	9	25.13	25.13	. 625	9.00	1.125	16.33
625/1.1257 92.65 664.1 390.5 6900.4 10.3 6.1 17.8 27.25 24.86 .625 14.00 .075 16. 625/1.1257 93.09 869.2 311.5 7054.2 10.4 8.1 10.0 27.38 25.13 .625 12.00 1.125 16. 16. 10. 1.125 16. 12. 12. 12. 12. 12. 12. 12. 12. 12. 12	•	9.	855.9	370.5	6691.4	10.2	7.8	-	26.38	24.88	.625	13.00	.875	16.18
625/1.1257         93.09         669.5         331.5         7754.3         10.4         0.1         16.0         27.36         25.13         .625         11.00         11.25         16.0         17.0         789.7         10.5         8.4         17.7         28.50         26.13         .625         11.00         11.25         10.5         8.4         17.7         28.50         26.13         .625         12.00         11.25         10.5         8.4         17.4         29.00         24.80         .625         16.00         .875         19.0         .686         .88         20.1         29.00         24.80         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .686         19.0         .875         19.0         .686         13.00         .875         19.0         .686         13.00         .875         19.0         .876         .886         .876         .876         .876	.625/		864.1	390.5	4.0969	10.3	8.1	8	27.25	24.88	.625	14.00	.875	16.18
625/1.1257         96.90         679.0         417.0         7389.7         10.5         6.4         17.7         28.50         25.13         .625         12.00         1.125         10.5         68.4         17.7         28.50         26.13         .685         12.00         1.125         10.5         68.6         7.7         29.60         24.86         .625         16.00         .075         10.5         68.6         7.7         29.60         27.86         .688         12.00         .075         19.5         .08.5         17.4         29.00         24.86         .688         12.00         .075         19.5         .08.5         11.2         8.6         20.1         29.00         27.86         .688         12.00         .075         19.5         .08.5         12.5         10.5         .08.5         .08.5         .08.6         .08.5         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6         .08.6			869.5	391.5	7054.3	10.4	8.1		27.38	25.13	.625	11.00	1.125	16.33
688/141257         97.55         99.93         405.6         8304.1         11.2         8.7         20.5         20.6         20.1         6.6         9.00         9.00         1.125         20.6           688/            7.5         4.0	•		879.0	417.0	7389.7	10.5	8.4	1	28.50	25.13	.625	12.00	1.125	16.33
-625/ -6757 99.60 878.5 430.2 7473.5 10.6 8.5 17.4 29.00 24.88 .682 12.00 .875 19688/ -8757 19.80 960.4 417.5 8403.5 11.2 8.8 20.1 29.06 27.8 .688 12.00 .875 19688/ -8757 101.60 960.4 417.5 8403.5 11.2 8.8 20.1 29.06 27.8 .688 11.0 0 .075 19688/ -8757 101.60 965.2 462.8 9172.1 11.5 9.3 19.8 30.94 27.8 .688 11.0 0 1.125 20688/ -8757 105.2 985.2 462.8 9172.1 11.5 9.3 19.8 30.94 28.13 .688 11.0 0 1.125 20750/ -8757 116.65 1015.2 547.3 10357.8 12.5 10.2 21.6 33.8 30.8 .750 13.0  .875 23688/ -8757 116.65 1016.3 515.5 1151.6 12.5 10.2 21.6 33.8 30.8 .750 11.0 1.125 20750/ -8757 12.5 112.5 112.5 112.6 112.6 10.5 21.6 34.8 21.3 .688 14.0 1.125 20750/ -8757 12.5 112.5 59.3 112.4 110.5 12.6 10.9 21.2 36.0 31.13 .750 11.0 1.125 20750/ -8757 12.4 10.117.0 572.0 12.5 12.8 10.9 21.2 36.0 31.13 .750 12.0 1.125 20750/ -8757 12.4 10.117.0 572.0 12.5 12.8 11.0 20.6 38.2 31.3 .750 12.0 11.2 5 20750/ -8757 12.4 10.117.0 572.0 12.5 12.8 11.0 20.6 38.2 5 31.13 .750 12.0 1.125 20750/ -8757 12.4 10.117.0 572.0 12.5 12.8 11.0 20.6 38.2 5 31.13 .750 14.0 1.125 20750/ -8757 12.4 10.117.0 572.0 12.5 12.8 11.2 21.2 40.0 31.13 .750 14.0 1.125 20750/ -875/ -8757 12.4 10.0 11.2 5 59.9 1269.8 12.8 12.8 12.8 22.8 42.8 8.75 10.0 1.125 30875/ -8757 144.0 91 12.8 5.1 678.7 15.8 12.8 12.8 22.8 44.0 0 31.3 .875 10.0 0 1.375 30875/ -875/ -8757 144.0 91 12.8 2.8 17.2 2.8 44.0 0 34.38 .875 11.0 0 1.375 30875/ -8757 144.0 91 12.8 10.8 1.8 1.8 1.2 2.8 44.0 0 34.3 8.7 10.0 0 1.375 30875/ -8757 144.0 91 12.8 2.8 14.0 0 34.3 8.8 17.0 10.0 0 1.375 30875/ -8757 144.0 91 12.8 1.8 1.8 1.2 2.8 44.0 0 34.3 8.7 10.0 0 1.375 30875/ -8757 144.0 91 12.7 10.0 1.375 11.0 1.2 12.8 22.2 44.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	•		959.3	405.6	8304.1	11.2	8.7	5	58.69	28.13	.688	9.00	1.125	20.04
688/ 8751         98.80         96.04         417.5         8403.9         11.2         8.6         20.1         29.06         27.80         .688         12.00         .875         19.9           .688/ 8751         101.80         970.5         439.7         18.3         9.0         19.9         29.9         27.80         .688         13.00         .875         20.0           .688/ 1.1551         101.60         9172.1         11.5         10.2         21.6         30.9         29.9         27.80         .688         11.00         .875         20.0           .750/ 1.257         1165.2         1165.2         1165.2         11.0         10.2         18.6         31.13         .750         11.0         11.25         20.0           .750/ 1.257         110.6         11.0         21.6         34.8         31.13         .750         11.25         20.0           .750/ 1.257         112.0         11.0         11.0         11.0         11.0         11.1         20.0         31.13         .750         11.25         20.0           .750/ 1.257         12.0         12.2         12.0         11.0         12.0         11.0         20.0         31.13         .750         11.	.625/		878.5	430.2	7473.5	10.6	8.5		29.00	24.88	.625	16.00	.875	16.18
668/1-1257         101.60         970.5         439.7         6739.4         11.3         9.0         19.9         29.9         27.88         .688         13.00         .875         19.5         20.34         27.81         .688         11.00         1.125         20.3         27.8         23.88         10.9         20.33         86.94         28.13         .688         11.00         11.25         20.3         .688         11.00         11.25         20.3         .688         11.00         11.25         20.3         .688         11.00         11.25         20.3         .688         14.00         11.25         20.3         .688         14.00         11.25         20.3         .688         14.00         11.25         20.3         .688         14.00         11.25         20.3         .688         14.00         11.25         20.3         .688         14.00         11.125         20.3         .688         14.00         11.125         .688         14.00         11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .11.25         .750         .1	.688/		9.096	417.5	8403.9	11.2	8.8	20.1	29.06	27.88	.688	12.00	.075	19.81
688/1.1257         105.20         985.2         462.8         9172.1         11.5         9.3         19.8         30.94         28.13         .688         11.00         1.425         23.8           750/.8577         1151.8         12.5         10.2         21.6         33.88         30.88         750         11.00         1.125         23.8           608/1.1257         1165.9         1105.2         10.2         21.6         34.31         26.13         .688         14.00         1.125         20.           608/1.1257         1105.5         110.2         21.6         35.84         28.13         .688         15.00         14.125         20.           658/1.1257         1107.3         56.1         1107.3         12.2         12.1         10.5         18.6         35.44         28.13         .688         15.00         14.125         20.           750/1.1257         122.40         117.0         576.1         127.2         12.2         10.0         31.13         750         16.00         14.25         28.13         .688         15.00         14.125         20.         28.13         .688         16.00         14.25         28.13         .688         16.00         14.25	.688/		9.016	439.7	8739.4	11.3	9.0	6	76.62	27.88	.688	13.00	.875	19.81
750/ .8757         115:19 1086.3         515.5         1151.6         12.6         33.86         30.88         .750         13.00         .875         23.86           688/1.1257         116.65         116.11         12.6         10.2         18.9         34.31         28.13         688         14.00         1.125         20.           750/1.1257         116.65         11661.1         12.6         10.6         21.6         34.83         28.13         68.8         14.00         1.125         20.           750/1.1257         122.40         1117.0         572.0         12154.2         12.6         10.6         21.6         34.8         36.13         68.8         15.00         1125         24.           750/1.1257         122.40         1117.0         572.0         12154.2         12.6         11.0         20.9         36.5         30.80         750         12.0         11.25         24.           750/1.1257         124.0         113.0         12.2         12.6         12.2         10.0         31.13         750         14.00         11.25         24.           750/1.1257         124.0         113.0         12.2         10.0         31.3         36.3         30.8	•		985.2	462.8	9172.1	11.5	9.3		30.94	28.13	.688	11.00	1.125	20.04
*** **********************************	•	115:19	1066.3	515.5	11151.8	12.5	10.2	21.6	33.88	30.88	.750	13.00	.875	23.91
*** **********************************	*		1015.2	547.3	10357.8	12.0	10.2	18.9	34.31	28.13	.688	14.00	1.125	20.04
688/1.1257         120.50         1023.7         576.1         10738.2         12.1         10.5         18.6         35.44         28.13         .688         15.00         1.125         20.           .750/1.1257         122.40         1117.0         572.0         12154.2         12.8         10.9         21.2         36.00         31.13         .750         12.00         .875         22.2         22.0         .875         22.2         .875         12.00         .875         22.2         .875         12.00         .875         .875         14.00         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875         .875 <td>.750/1.12</td> <td></td> <td>1104.3</td> <td>540.6</td> <td>11661.1</td> <td>12.6</td> <td>10.6</td> <td>9</td> <td>34.88</td> <td>31.13</td> <td>.750</td> <td>11.00</td> <td>1.125</td> <td>24.10</td>	.750/1.12		1104.3	540.6	11661.1	12.6	10.6	9	34.88	31.13	.750	11.00	1.125	24.10
750/1-125T         122-40         1117-0         572-0         12154-2         12-8         10-9         21-2         36-00         31-13         .750         12-00         -115         28-5         28-5         12-00         -11-0         20-9         36-50         30-86         .750         16-00         -875         23-5         28-5         28-13         .668         16-00         -875         23-5         28-5         28-13         .668         16-00         -875         18-2         20-13         .668         16-00         -875         28-5         28-5         28-13         .668         16-00         18-25         28-25         28-3         28-25         28-13         .668         16-00         18-25         28-25         28-25         31-33         .875         10-00         18-125         28-25         28-25         31-33         .875         10-00         18-25         28-25         48-38         875         10-00         18-125         28-25         48-38         875         10-00         18-125         30-25         31-38         875         10-00         18-125         30-25         31-38         875         10-00         18-125         30-25         31-33         88-25         10-00 <t< td=""><td>.688/1.12</td><td></td><td>1023.7</td><td>576.1</td><td>10738.2</td><td>15.1</td><td>10.5</td><td>9</td><td>35.44</td><td>28.13</td><td>.688</td><td>15.00</td><td>1.125</td><td>20.04</td></t<>	.688/1.12		1023.7	576.1	10738.2	15.1	10.5	9	35.44	28.13	.688	15.00	1.125	20.04
**S67**125T**124**10**117**9**58**5** 12290**3**12**0**11**0**20**9**36**50**30**80**750**16**00**00**125**20**  **S671**125T**124**30**1031**3**50**39**1094**6**12**2**10**8**18**4*36**56**28**13**50**138**9**634**138**9**634**138**9**634**138**9**634**138**9**138**9**9**12698****1**15**2**13**3**55**13**50**138**9**9**12698*****11.25**2**13**3**50**138**9**9**12698****11.25**2**13**3**13**3**50**138**9**138**9**138**9**138**9**138**9**138**9**50**138**9**138**9**138**9**138**9**138**9**138**9**138**9**138**9**138**9**138**9**138**9**9**138**9**9**138**9**9**138**9**9**9**9**138**9**9**9**9**9**9**9**9**9**9**9**9**9	•	122.40	1117.0	572.0	12154.2	12.8	10.9	2	36.00	31.13	.750	12.00	1.125	24.10
-686/1.1257 124.30 1031.3 603.9 11094.6 12.2 10.8 18.4 36.56 28.13 .688 16.00 1.125 20. 750/1.1257 130.05 1138.9 634.1 13087.0 13.1 11.5 20.6 38.25 31.13 .750 14.00 1.125 24. 875/1.375 136.00 1132.5 599.9 12698.8 12.8 22.8 42.38 84.13 .875 10.00 1.375 28. 875/1.375 144.09 1248.2 675.1 15392.0 13.8 12.3 22.8 42.38 84.13 .875 12.00 1.125 30. 875/1.375 144.94 1255.1 678.7 15584.6 13.9 12.4 23.0 42.63 34.38 .875 10.00 1.375 30. 875/1.1257 144.94 1255.1 678.7 15584.6 13.9 12.4 23.0 42.63 34.38 .875 10.00 1.375 30. 875/1.1257 149.60 1271.0 719.9 16260.4 14.1 12.8 22.6 44.00 34.38 .875 11.00 1.375 30. 875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.8 22.2 44.63 34.13 .875 11.00 1.375 30. 875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 11.00 1.275 30. 875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.275 33. 875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.0 15.0 37.50 .875 14.00 1.375 33. 875/1.3757 172.55 1441.2 23.65.1 16.0 15.9 22.6 54.00 37.50 .875 15.00 1.570 33.	•	124.10	1117.9	588.5	12290.3	12.8	11.0	50.9	36.50	30.88	.750	16.00	.875	23.91
**Novi.1257 130.05 1138.9 634.1 13087.0 13.1 11.5 20.6 38.25 31.13 .750 14.00 1.125 24.  **Novi.1257 136.00 1132.5 599.9 12696.8 12.8 11.2 21.2 40.00 31.38 .875 10.00 1.375 28.  **Novi.1257 144.09 1248.2 675.1 15392.0 13.8 12.3 22.8 42.38 34.13 .875 12.00 1.375 30.  **Novi.1257 144.09 1248.2 675.1 15392.0 13.8 12.3 22.8 42.38 34.38 .875 11.00 1.375 30.  **Novi.1257 144.94 1255.1 678.7 15504.6 13.9 12.4 23.0 42.63 34.38 .875 11.00 1.375 30.  **Novi.1257 149.60 1271.0 719.9 16260.4 14.1 12.8 22.6 44.00 34.38 .875 11.00 1.125 30.  **Novi.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.275 30.  **Novi.1257 151.74 1273.3 741.9 16468.5 14.0 24.5 46.50 37.50 .875 10.00 1.275 30.  **Novi.1257 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.  **Novi.1257 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.	-	124	1031.3	603.9	11094.6	12.2	10.8	18.4	36.56	28.13	.688	16.00	1.125	20.04
.875/1.3757 136.00 1132.5 599.9 12698.8 12.8 11.2 21.2 40.00 31.38 .875 10.00 1.375 28875/1.1257 144.99 1268.2 675.1 15392.0 13.8 12.3 22.8 42.38 34.13 .875 12.00 1.125 310875/1.1257 144.94 1255.1 678.7 15584.6 13.9 12.4 23.0 42.63 34.33 .875 10.00 1.375 31875/1.1257 144.94 1255.1 678.7 15584.6 13.9 12.4 23.0 42.63 34.35 .875 10.00 1.375 31875/1.1257 149.60 1271.0 719.9 1628.4 14.1 12.8 22.6 44.63 34.13 .875 11.00 1.375 31875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.375 31875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 15.00 1.375 33.		130.0	1138.9	634.1	13087.0	13.1	11.5	50.6	38.25	31.13	.750	14.00	1.125	24.10
.875/1.1257 144.09 1248.2 675.1 15392.0 13.8 12.3 22.8 42.38 34.13 .875 12.00 1.125 30875/1.3757 144.94 1255.1 679.7 15584.6 13.9 12.4 23.0 42.63 34.38 .875 10.00 1.375 30875/1.1257 145.94 1255.1 679.7 15584.6 13.9 12.4 23.0 42.63 34.38 .875 10.00 1.375 30875/1.1257 149.60 1271.0 719.9 16468.5 14.1 12.8 22.5 44.63 34.13 .875 11.00 1.375 30875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.375 30875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.65 37.50 .875 14.00 1.375 30875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.575 33.		136.0	1132.5	6.665	12698.8	12.8	11.2	21.2	40.00	31.38	.875	10.00	1.375	28.33
.875/1.3757 144.94 1255.1 678.7 15584.6 13.9 12.4 23.0 42.63 34.38 .875 10.00 1.375 30875/1.1257 145.35 1340.3 683.5 17259.5 14.6 12.9 25.3 42.75 37.13 .875 10.00 1.125 33875/1.1257 149.60 1271.0 719.9 16260.4 14.1 12.8 22.6 44.00 34.38 .875 11.00 1.375 30875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.125 30875/1.5007 158.10 1397.8 799.6 19583.5 15.2 14.0 24.5 46.50 37.50 .875 14.00 1.500 33875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.		144.	1248.2	675.1	15392.0	13.8	12.3	22.8	42.38	34.13	.875	12.00	1.125	30.74
.875/1.1257 145.35 1340.3 683.5 17259.5 14.6 12.9 25.3 42.75 37.13 .875 10.00 1.125 33875/1.3757 149.60 1271.0 719.9 16260.4 14.1 12.8 22.6 44.00 34.38 .875 11.00 1.375 30875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.125 30875/1.5007 158.10 1397.8 799.6 19583.5 15.2 14.0 24.5 46.50 37.50 .875 10.00 1.500 33875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.	•		1255.1	678.7	15584.6	13.9	12.4	23.0	42.63	34.38	.875	10.00	1.375	30.96
.875/1.3757 149.60 1271.0 719.9 16260.4 14.1 12.8 22.6 44.00 34.38 .875 11.00 1.375 30.875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.125 30.875/1.5007 158.10 1397.8 799.6 19583.5 15.2 14.0 24.5 46.50 37.50 .875 10.00 1.500 33.875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.875/1.5007 183.60 1471.7 1040.2 23463.1 16.0 15.9 22.6 54.00 37.50 .875 15.00 1.500 33.	.875/1.12	.3	1340.3	683.5	17259.5	14.6	12.9	25.3	42.75	37.13	.875	10.00	1.125	33.36
.875/1.1257 151.74 1273.3 741.9 16468.5 14.1 12.9 22.2 44.63 34.13 .875 14.00 1.125 30875/1.5007 158.10 1397.8 799.6 19583.5 15.2 14.0 24.5 46.50 37.50 .875 10.00 1.500 33875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33875/1.5007 183.60 1471.7 1040.2 23463.1 16.0 15.9 22.6 54.00 37.50 .875 15.00 1.500 33.	•		1271.0	719.9	16250.4	14.1	12.8	22.6	00 - 14	34.38	.875	11.00	1.375	30.96
.875/1.500T 150.10 1397.8 799.6 19583.5 15.2 14.0 24.5 46.50 37.50 .875 10.00 1.500 33.875/1.3751 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.8875/1.500T 183.60 1471.7 1040.2 23463.1 16.0 15.9 22.6 54.00 37.50 .875 15.00 1.500 33.	.875/1.12		1273.3	741.9	16468.5	14.1	12.9	25.2	44.63	34.13	.875	14.00	1.125	30.74
.875/1.3757 172.55 1441.2 938.2 21810.3 15.7 15.1 23.2 50.75 37.38 .875 14.00 1.375 33.	.875/1.50		1397.8	799.6	19583.5	15.2	14.0	24.5	46.50	37.50	.875	10.00	1.500	33.69
.875/1.500T 183.60 1471.7 1040.2 23463.1 16.0 15.9 22.6 54.00 37.50 .875 15.00 1.500 33.	.875/1.37			m	21810.3	15.7	15.1	23.2	50.75	37.38	.875	14.00	1.375	33.58
	. 875/1.50		1471.7	13	23463-1	16.0	120	22.6	200 79	17.50	875	15.00	1.500	33.60
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94540	SHEAR	AREA	.54	99.	.54	.79	99.	.79	1.02	. 83	1.21	1.40	1.57	1.21	1.20	1.57	1.39	1.21	1.59	1.57	1.40	1.59	1.40	1.89	1.59	1.88	2.14	2.38	2.61	5.36	2.39	2.63	2.86	2.38	49.2	2000	2.61	2.38	2.88	2.86	2.63	2.39	5.89	2.88	2.64	
		ICK				.166	.186	.188	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	.438	.375	.313	.375	97		2112	375	.375	.313	.375	.438	.438	.375	.438	175
L	1	TH	2.00	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00	3.00	00-7	3.00	4.00	00-4	3.00	4-00	4.00	00-7	2.00	3.00	2.00	4.00	3.00	3.00	3.00	4.00	3-00	3.00	3-00	4.80	3-00	2000	20.5	5.00	4.00	5.00	5.00	2.00	4.00	2.00	2.00	6.00
A DINENSIONS	450	THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	.250	.250	.250	052.	052.	062.	020	250	.250	.250	.250	.250	.250	.250	.250	250
BEA		DEPTH	3.19	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.59	5.31	7.31	7.25	6.31	7.31	6.31	9.44	7.31	6.38	1.44		9.31	8.31	3.44	9.38	10.31	8.38	35.6	10.50	10.01	8.38	10.38		9.38		10.44	10.38	44.6	0. ZA
		AREA	.75	. 88	*6.	1.00	1.06	1.19	1.38	1.50	1.56	1.75	1.81	1.88		5.06	2.13	2.19	5.25		2	~	n	2.81	~	m		3.1	3.1		3.31	,	m	9	9 1	9 1	3. B.	) M	4.0	3	4.13	3	;	4.38	*	4
	-	4	3.7	4.7	3.7	5.7	4.7	5.6		3.6		6.7		5.7					7.6	2.6	9.9	7.6	9.9	6.7	7.5	9.9	7.7	9.6	9.5	8.5	8.6	9.5	10.4	8.5	2.5	***	2	8.5	10.4	10.3	9.4	8.5	10.4	10.3	9.4	0.4
		46	9.	9.	9.	9.	9.									. 8		••		•	•	6.	•	•	6.	6.	6.	6	1.0	1:0	1:0	1:	1:0			::			1.1	1.1	1.1	1.1	1.2	1.2	1.2	
	•	œ	• •	9.	.5		.7	8.		9.	8	1.0	1.1	1.0	1.0	1.2	1:1	1.0	1.3	1.3	1.2	1.4	1.3	1.3	1.5	1.3	1.5	1.6	1.8	1.7	1.7	1.8	2.0	1.0		100	10.2	1.9	2.2	2.3	2.1	2.0	2.3	4.5	2.3	2 .
		INERTIA	11.9	17.0	14.4	23.9	20.9	29.8	24.5	20.5	35.4	49.7	69.6		1.94	73.9	65.3	24.8	84.8	87.8	76.2	101.9	89.3	;	119.5	92.1	114.5	136.7	158.4	144.7	150.2	175.3	200.1	162.4	192.2	4.022	241.9	188.8	259.6	264.5	239.5	210.6	286.2	6.762	267.1	270.6
311 1100	SO TONCE	ZFL	3.2	3.6	3.9	4.2	4.5	5.3	5.1	5.4	6.2	7.4	7.8	7.9	8.3	4.6	6.6	9.7	11.1	11.6	11.5	13.5	13.6	12.6	15.9	13.9	14.9	16.0	16.7	17.1	17.5	18.4	19.2	19.1	2.02	22 6	22.6	22.3	25.0	25.7	9.62	6.42	27.6	58.9	59.82	20.
2	2	JAZ	19.7	27.3	23.2	37.1	32.5	44.7	37.1		51.1	68.3	80.3	62.2		94.3	2.49	71.9	104.4	107.0	94.2	118.8	105.3	100.9	132.1	106.5	127.1	146.5	164.5	151.9	155.8	175.7	194.7	163.5	186.5	212 6	197.2	179.0	227.8	230.0	211.7	190.7	240.8	245.8	225.0	236
700 -1100		WIFT	2.55	5.99	3.20	3.40	3.60	4.05	4.69	5.10	5.30	5.45	6.15	6.39	6.60	7.00	7.24	7.45	7.65	7.85	8.09	8.70	9.15	9.55	9.79	10.20	10.40	10.54	10.85	11.05	11.25	11.49	11.70	11.90	12.10	12.34	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	15.10	15.20
	-	SIZE	.188T	.1881	.188T	.188T	.188T	.188T	.313T	.313T	.313T	.3137	.250T	.313T	.250T	.250T	.250T	.313T	.313T	.250T	.313T	.313T	.313T	.4381	.3131	.375T	.438T	.3751	.3131	.3131	-4381	. 37.51	.3131	1575	1024	12121	3131	37.51	.3751	.3131	.375T	.438T	-438T	.375T	.438T	27.57
		INAL						.125/				.188/			.188/				.188/					.250/		•	.250/	•	•	.250/	•	•	•		•		• •		•	1052.	•	•	•	•	•	-
	-	NCH			3X 3X					3X 3X					5x 4x				7x 3x		X4 X9											×		X 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		10 X XX	9x 5x	8x 5x		10X 5X				10x 5x		AY XO

1.1250 - 1 1/8 fn.

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.1250

1.125 IN. PLATE (AREA= 40.09 SQ.IN.)

<b>.</b>	CK	625 11.38			.688 11.41			.875 11.50	.750 16.17	_	.750 16.17	5	2		2	2							.875 24.00								14.82 515				5 31.0		500 33.60	75 33.
FLANGE	Ξ			00	00	00	00	00	00	00	00	00	00 1	00	:	00	00	00 1.	00	8	00	8	2	2		0	2	8	1.12	000		00	- 00	00	00 1.	00	00 1.	00 1.
		0 11.00		0 10.	0 11.					5 10-							5 12.			8 12.		11.			-	15.				-		-		-	-	7	5 10.	-
MEB	THIC						50	1 .50	.625	9. 9	. 625	.625	1 .625	1 .625	•	•	1 .625	•	•	989.	.688	989.	1 .75	1 .688	1 .75	.68		.75	•	.750	•	•	.875	. 875	.875	1 .875	.87	.87
		21.	21.	21.	21.69	21.69		21.88	24.75	24.75	24.75	24.88	25,13	24.88	24.88		25.13	28-13			27.88	28.13	30.68	28.13	31.13	28.13	31.13	30.08	28.13	31.13	31.		34.38		34.38	34.13	37.50	37.38
	AREA	17.3	3 17.50	1 18.00	0 18.06	6 19.44	7 19.50	6 20.13	2 21.75	0 22.50	8 23.25	8 23.75	6 25.13		9 27.25	1 27.38	5	6 28.69	0	2 29.06	0 29.94	0 30.94	9 33.88	2 34.31	8 34.88	35.44	5 36.00	5	6 36.56	38.25	-	2 42.38	8 42.6		**	6 44.63	0 46.50	8 50.75
		6 18.	7 18.		.8 18.			.4 17.		.9 20.	.1 19.	.2 19.	-	.9 19.			.5 18.	21.				3 21.	-	-	.4 22.	.4 19.	.7 22.		9	m .	-	-	~	9	5	7 2	2 2	.7 24.
	R	.7 4.		4 6.7	.9	.2 5.	.2 5	.4 5	1.6 5.	.0 5	9 2.	.3 6.	9 9.		•	2 0.	10.2 7.	.8 7.	.2 7.	10.8 7.		.2 8.				1.8	• 5			2.8 10.				-	.9 11.	-	-	-
	INERTIA		_		4104.4 7				5467.7 8	5762.4 9	6044.8 9	9	6805.9	2	1 9	~		6		2	9	9	-	6	2 1	2	,		3 1		1 6	5 1	3	2.2	686.4 1	17927.7 13	21303.7 15	23832.0 15
HODOLUS	ZFL	214.2	215.8	226.6	228.1	256.7	257.6	269.9	270.6	2882	305.5	316.2	346.5	377.0	397.3	398.6	454.4	413.8	437.7	425.8	448.4	472.0	526.7	558.0	555.5	587.3	584.5	601.0	615.7	647.8	614.5	692.0	695.8	701.5	738.0	760.2	820.5	962.1
SECTION	ZPL	3	9.44.8	851.1	851.2	873.3	875.2	886.3	364.2	9.616	993.1	1003.7	1029.6	1041.6	1052.3	1058.8	1071.1	1164.5	1070.9	1166.1	1178.9	1197.3	1318.6	1235.3	1338.3	1246.2	1354.1	1355.5	1255.8	1381.5	1367.9	1505.2	3	7	_	0	1682.6	1735.3
	1	6	6	:	61.40	•	.9		3.	76.50	.6		2.	6	2	3.	96.90	:	98.60	:	101.80	105.20	:	•	118.59	120.50	:	124.10	:	:	•	:	144.94	:	149.60	:	158.10	
	SIZE		1578. VO		•		1057. VO	1278. 10		57 .750T		1578. 12			57 .875T	625/1-125F	625/1.1257	688/1-125T	1578. 12		87 .875T	688/1-125T	.7507 .875T	.688/1-125T	.750/1-125T	.688/1.125T	750/1-1251	.750/ .8751	.688/1.1251	. 750/1.1251	.875/1.3751	.875/1-1251	.875/1.3757	875/1.125T	.875/1.3757	875/1-1257	875/1.500T	875/1.3757
	NOMINAL	•	21X 8X .500/	21X10X . 50	•	•	21X12X .500/	21X11X .500,	•	•	24X11X .625/	•	•	24X13X .625/	•	•	•	•		•	•	•					•						•	•		33X14X .87	36×10× .87	36X14X .87

1.1250 - 1 1/8 in.

SHEAR	AREA	. 56	.68	95.	. 81	.68	. 81	1.05	.86	1.23	1.42		1001		1.66	1.60	1.41	1.23	1.61	1.60	1.42	1.61	1.42	1.92	1.61	1.91	2.17	2.41	5.64	2.39	2.45	5.66	5.89	2.41	79.7	16.2	6000	2000	16.0	2. 80	2.66	2.42	2.92	2.91	2.67	
NGE	THICK	.188	.188	.188	.188	.168	.188	.313	.313	.313	313	250	0670	010	062.	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	.375	.313	.313	.438	.375	.313	.375	000	.373		275	1375	212	375	4.78	4 4	.375	638	
5				3.00							2.00		00.2		50.4	3.00	4.00	00 - 7	3.00	4.00	4.00	00-7	5.00	3.00	5.00	4.00	3.00	3.00	3.00	4.00	3.00	3.00	3-00	4-00	3.00	3.00			2000			200	00-4	5.00	5.00	
MEB	THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	484	9 4	001.	001.	.188	.168	.188	.188	.188	.188	.188	.188	.188	.250	.188	.250	.250	.250	.250	.250	.250	.250	.250	052.	062.	062.	0000	0000	0000	022	250	250	250	.250 5.0	.250	
1	-	3.19	4.19	3.19	5.19	4-19	5.19	4.31					6 3 .	3 .	2					.2	.3		6.31	94.9		6.38	7.44	8.38	9.31	8.31	8.44	9.38	10.31	6.36	***	10.38	10.01	3.37	? "	10.00	10001	8.44	10.64	10.38	99.6	
1	AREA	.75	. 58	6			7	~	.5	3	1.75		1001	1.00	1.34	5.06	2.13	2.19	2.25	2.31	2.38	2.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	3.38	3.44	5			:		•	3 6			4.25	4.38	4.66	
•	L			3.8							•	•	•	•																				•				•						10.5		•
	4							.7	.7				•					•			8.	6.	6.	6.	6.	6.	6.	6.	1:0	6.	1.0	1:0	1.0	1:0	1.0		::	:		::				1.2	1:1	
	~	• 5	9.	.5		9.			9.			::	•		•	1.1	1.1	1.0	1.2	1.2	1.1	1.3	1.2	1.2	1.4	1.3	1.4	1.5	1.6	1.6	1.6	1.7	1.8	1.6	1.0						1.0		2.2	2.2	2.1	4
-	INERTIA	-	20.1	17.4	27.1	24.1	33.2	27.9	23.8	39.0				•			-			-	-				125.3	-		-	164.9															308.5		•
SO.		3.9	4.2	4.6	4.7	5.1	5.8	5.7	6.2	6.7	2.0		2		0.0	10.2	10.4	10.2	11.6	12.1	12.0	13.9	;	13.2	•	;	15.4	•	:	17.5		18.9	19.7	19.6	:	21.6		• •		25.2		25.5	28.1	29.5	29.0	
SECTION	ZPL	55.5	29.7	6.52	39.1	34.8	46.7	39.4	33.8	53.2	20.02	200	**>0	0	66.1	97.0	87.0	74.7	107.7	110.5	7.16	123.4	109.6	105.1	138.1	111.3	132.9	153.3	172.5	159.4	163.7	185.1	205.5	172.5	197.1	219.3	200	1001	130.4	346.4	236.7	204.1	259.0	265.0	242.4	
	MT/FT	55.2	5.99	3.20	3.40	3.60	4.05	3	5.10	5.30	20.0	2000	0.17	60.0	9.60	2.00	1.24	7.45	7.65	7.85	8.09	8.70	9.15	9.55	9.79					;	=	=	å.		ů.	v.	i .	, N	, v	13.00				14.89	Ľ	24.64
		.188T	.18 8T	.1881	.188T	.188T	.188T	.3131	.31.31	3131	75 25	1000	10000	10100	1062.	.250T	.250T	.313T	.313T	.250T	.3131	.313T	.313T	.438T	.313T	.375T	.4381	.3751	. 3131	.3131	.438T	.3751	. 3131	.3751	1054	1616	24.27	2757	2767	21.21	1275	TATAL	LAZAT	.3751	438T	-
	NAL SI	15	25	25	1		10	2	1		:	1	6	100	2	>	>	1		.188/	.188/	.188/			.188/	-250/	-250/	1052.	.250/	.250/	1052.	.250/	.250/	1052.	1062.	1057.	10030	1000	1062.	2501	2501		250/	.250/	.250/	
	Z			3x 3x	1.0										X4 XC					**	**	4×	2X		X 2X									X * X X X			X 4 X X X				0X 5X			0X 5X		

1.250 IN. PLATE (AREA = 59.36 SQ.IN.)

000	WW~~~~356756.	WOLLK130130W0W0W013	
	250 250 250 250 313 313 313 313	2550 2550 2550 2550 2550 2550 2550 2550	2550 2550 2550 2550 2550 2550 2550 2550
44	99.00 10 00 00 00 00 00 00 00 00 00 00 00 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1:2	MMM N J J M J	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 MM M N J J M Z J J M N N N N O O O O N N M N N O O O O O O
367.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6525 692 692 692 692 692 692 692 692	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
77.2 37.4 77.2 37.3 92.5 35.4 56.8			
45000	52 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	20010001000000000000000000000000000000	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
			44361 19 44361 19 44361 19 44361 20 44361 20 44361 20 44661 21 22 46691 22 46691 22 46691 22 46691 22 46691 22 46691 22 46691 25 53311 25 6561 26 6561 26 6561 26 6561 26 6561 26
7X .250, 7X .250, 7X .250, 7X .250, 7X .250, 7X .313, 7X			

		SECTION	MODULUS	S						MEB		FLANGE	SACAN
	HT/FT	ZPL		INERTI	~	YP	YF	RE	4	THICK	MID	THICK	AREA
	0	515.5		1280.	4.3	2.2	13.6	10.00	14.59	.375	0.0	.594	5.94
531F	-	574.8	m	1280-1	4.3		13.6		5	.375	9.0	.531	5.92
5317	34.65	617.7	ď	1400.8	4.5	2.3	15.5		10	.438	6.0	.531	7.79
656T	6.	623.5	or	1428.1	4.5		15.6	~		.438		•656	7.84
	.5	505.8	œ	1088.1	3.9		11.7	3	12.59	.375		.594	5.19
656T	1.	2.065	=	1370.9	4.4		13.6	.5	0	.375		.656	5.97
-	6.	634.0	ெ	1490.0	4.6		15.5	.5	In	.438		.594	7.81
-	6.	589.8	102.0	1372.8	4.4		13.5	.5	10	.375		.531	5.92
7197		637.4	4.96	1504.4	4.6		15.6	5		.438		.719	
-		592.1	0	1383.2	4.4		13.5	.5	In	.375		.594	5.94
656T	2.		102.1	1580.4	4.7	2.4	15.5	10.94	4	.438		.656	
5317	9		0.5	1824.6	5.1		17.2	0	10	.438		.531	
656T	6		0		5.1		17.3	-	.0	.438		.656	
1965	-	:		1486.2	4.6		13.4	-	14.59	.375		.594	0
7191	3	M		69	6.4		15.5	M	6.7	.438	6.00	.719	
594T	6	31.	112.7		5.2		17.2	11.44	8.5	.438	6.00	.594	8.69
16	-	734.5	112.8				17.3		8.7	.438	5.00	.719	-
1965	6.	675.5			5.0		15.2	-	16.59	.438	8.00	.594	
5317	-	675.3			5.0		15.2	-	6.5	.438	9-00	.531	
1465	-	621.0	119.6		4.7		13.3	~	14.59	.375	11.00	*65.	5.94
141	.9	754.7	123.4		5.4		17.1	0	18.59	.438	7.00	.594	
5317		757.2	125.3		5.5	2.8	17.0	12.13	18.53	.438	8.00	.531	9
16	*	762.6	125.8	2156.8	5.5		17.1	-	18.72	.438	6.00	.719	8.75
5317		691.3	124.8		5.1		15.1	m	16.53	.438	10.00	.531	7.79
1465		693.2	125.1	1890.2			15.1	m	16.59	.438		*65*	7.81
656T	*		130.6	2223.1	9.6	5.9	17.0	12.47	18.66	.438	7.00	.656	8.72
656T	45.40		129.1	1707.7	6.4		13.2	12.47	14.66	.375	11.00	.656	5.97
531T			134.9	2273.5	2.6	5.9	16.8	12.66	18.53	.438	9.00	.531	8.66
59 4T		7.09.2	134.8	2021.3	5.3	5.9	15.0	15.94	16.59	.438	10.00	165.	7.81
656T	4.6	792.6	143.0		5.8	3.0	16.9	13.13	18.66	.438	8.00	.656	8.72
1965	-	723.1	144.3	2146.2	2.4	3.0	14.9	13.53	16.59	.438	11.00	.594	7.81
656T	-	-	144.7		2.4	3.0	14.9	in	16.66	. 438	10.00	•656	7.84
656T		811.7	154.9	2590.5	9.0	3.2	16.7	~	18.66	.438	9.00	.656	8.72
1465	46.95	8111.3	155.8	2593.1	6.0	3.2	16.6	13.81	18.59	.438	10.00	165.	8.69
719T	.2	740.6	154.8		9.6	3.1	14.9	-	16.72	.438	10-00	.719	7.87
656T		739.7	155.4		9.6	3.1	14.8	N	16.66	.438	11.00	.656	
656T	7	828.5	166.8	2764.9	6.1	3.3	16.6	3	9	.438	10.00	.656	8.72
719T	9.	754.3	166.2	2447.9	5.7	3.2	14.7	0	-	.438	11.00	.719	
.656T			8	2935.3	6.3	3.5	16.4	15.09	9	.438	11.00	.656	8.72
.6257		935.5	177.6	3415.1	8.9	3.7	19.2	In	21.63	.500	8.00	.625	11.44
.656T	.5		90.					~	9	43	12-00	.656	
188	*		~	3599.5	6.9		19.2	0	9	50	8.00	.688	11.47
7501	7		97.	3779.7	7.1	3.9		16.50			8-00	75	
157	6	972.9	03.		7.1			-		20		.625	
10	4	989.0								•			
	,					4.1	18.9		1	20	00 -6	.750	11.50

1.2500 - 1 1/4 in.

1.250 IN. PLATE (AREA= 59.30 SQ.IN.)

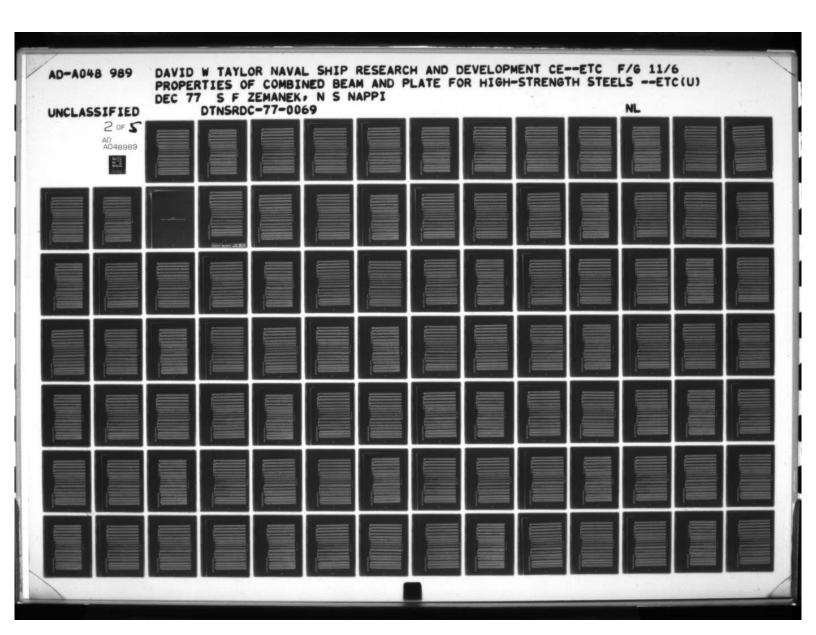
NORTHAL SIZE  NUMERIAL SIZE  NUMERIA														
Name			SECTION								MED		MOE	SHEAR
999.95         216.9         4470.11         7.3         4.1         18.8         17.36         5.0         5.0         5.0         5.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	IAL SIZE	•	ZPL	ZFL	INERTIA	~	Y.	YF	AREA	DEPTH	THICK	MIDTH	THICK	AREA
99.51         97.93         228.5         4145.9         7.3         4.2         19.0         17.5         5.0         0.0         4.0         4.0         4.0         4.0         4.0         4.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0			989.5	216.9	4070.1	7.3	4:1	16.8	17.38	21.63	.500	11.00	.625	11.44
61.2 0 1006.9 229.4 4296.5 7.5 4.3 10.7 10.0 21.75 50.0 110.0 0.75 0.0 10.0 10.0 10.0 10.0 0.0 0.0 0.0 10.0 10.0 10.0 0.0			6.166	218.5	4145.9	7.3	4.2	19.0	17.50	21.88	.500	8-00	.875	11.57
66.10 1037.1 230.9 4380.0 7.5 4.3 16.7 18.06 21.69 .500 11.00 .688 65.30 1038.3 269.7 7.6 4.6 18.3 18.4 19.5 21.5 5 .500 12.00 .750 66.3 10 1038.3 269.7 7.6 4.6 18.4 19.5 21.5 5 .500 12.0 0 .750 66.4 105.5 24.7 5 .625 10.0  .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .750 10.0 .7			1006.9	4.622	4296.5	7.5	4.3	18.7	18.00	21.75	.500	10.00	.750	11.50
66.10 1033.9 259.8 4764.9 7.8 4.6 18.3 19.5 21.75 50 12.0 12.0 66.4 1052.5 274.6 10.1 1033.9 259.8 4764.9 7.0 4.6 10.4 19.5 21.75 50 12.0 12.0 0.75 66.4 4 1052.5 274.6 292.5 677.4 1052.5 274.6 6.75 6.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 50 11.2 10.0 0.75 17.5 11.2 11.2 10.0 0.75 17.5 11.2 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5 11.2 17.5	2007	61.40	1007.1	230.9	4309.0	7.5	4.3	10.7	19.06	21.69	.500	11.00	.688	11.47
66.48 10836.3 260.7 4793.4 7.8 4.6 10.4 19.5 21.75 50 12.00 775 66.4 1082.5 273.1 310.1 7.9 4.8 10.4 10.2 21.75 50.1 12.00 775 75.5 1142.3 279.6 5756.4 0.6 5.2 20.8 22.5 24.75 625 10.00 775 112.1 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 11.0 10.0 775 112.2 112.2 11.0 10.0 775 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 112.2 11	2007	66.10	1035.9	259.8	4764.9	7.8	4.6	18.3	19.44	21.69	.500	13.00	.688	11.47
66.44 1052.5         273.1         5116.1         7.9         4.8         18.4         20.13         21.08         500         41.00         750           76.50 1161.6         292.5         6076.4         0.4         5.0         21.0         22.75         625         19.00         .750           76.50 1161.6         292.5         6076.4         0.4         5.0         20.6         23.25         24.75         .625         10.00         .750           10.75 1122.6         320.8         6500.4         0.5         20.6         23.5         24.75         .625         10.00         .750           10.75 1122.6         320.8         6500.4         0.9         20.6         20.7         26.5         10.00         .750           9.6         10.0         20.0         20.0         20.0         20.0         20.0         6.7         10.0         .750           9.6         10.0         20.0         20.0         20.0         20.0         20.0         6.7         10.0         .750           9.6         10.0         9.0         6.7         19.7         6.2         20.0         20.0         20.0         10.0         10.0           9.0 <td< td=""><td>2005</td><td>66.30</td><td>1038.3</td><td>260.7</td><td>4793.4</td><td>7.8</td><td>4.6</td><td>18.4</td><td>19.50</td><td>21.75</td><td>.500</td><td>12-00</td><td>.750</td><td>11.50</td></td<>	2005	66.30	1038.3	260.7	4793.4	7.8	4.6	18.4	19.50	21.75	.500	12-00	.750	11.50
73.95         146.3         274.6         575.4         6.4         5.0         21.0         21.75         .625         9.00         .750           79.05         1161.6         29.2         601.4         6.0         5.2         20.6         23.5         24.75         .625         10.00         .750           79.06         1178.7         1178.7         601.4         6.0         5.9         20.6         23.75         24.86         .625         10.00         .750           10.75         1178.7         318.2         761.6         23.75         24.86         .625         10.00         .750           10.40         10.5         10.6         10.7         20.6         23.75         24.86         .625         10.00         .750           95.6         10.4         10.8         22.2         20.0         22.33         96.7         10.0         .750         11.2           96.9         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         11.2           96.9         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	2007	68.44	1052.5	273.1	5016.1	7.9	4.8	18.4	20.13	21.88	.500	11.00	. 875	11.57
76.50 1161.6 292.5 6074.4 8.6 5.2 20.0 22.50 24.75 .625 110.00 .750 10.75 1192.0 320.8 6604.8 8.8 5.4 23.25 24.75 .625 110.00 .750 10.75 1192.0 320.8 6604.8 8.8 5.4 23.25 24.8 6.6 5.5 110.00 .750 10.00 .875 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10.00 .750 10	1529	73.95	1142.3	274.6	5756.4	8.4	5.0	21.0	21.75	24.75	.625	9-00	.750	16.25
79.05 1178.7         309.9         6300.3         0.8         5.4         20.6         23.25         24.75         46.8         625         11.00         775           85.44 1224.5         321.6         7600.6         8.9         5.5         20.6         23.75         24.88         625         11.00         18.75           85.44 1224.5         336.6         7657.2         20.0         26.36         26.10         26.30         24.88         625         14.00         875           92.6         52.7         20.0         20.0         27.36         26.40         6.5         14.00         875           96.9         127.6         20.0         20.0         27.36         26.25         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875         14.00         875	1929	76.50	1161.6	292.5	6074.4	9.8	5.5	20.8	22.50	24.75	.625	10-00	.750	16.25
80.75         1192.0         320.8         6604.8         8.9         5.5         20.6         23.75         24.00         .625         10.00         .875         9.0         13.75         24.0         6.5         13.0         13.0         9.0         9.0         9.0         6.5         13.0         13.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         92.65         12.0         9.0         9.0         92.65         13.0         9.0         13.0         9.0         9.0         92.65         13.0         9.0         13.0         9.0         9.0         9.0         9.0         13.0         9.0         13.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0		-	1178.7	309.9	6380.3	8.8	5.4	20.6	23.25	24.75	.625	11-00	.750	16.25
65.44         1224.5         351.5         7285.1         9.2         5.9         25.13         25.13         .625         13.0         .625         13.0         .625         13.0         .625         13.0         .625         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0         .675         13.0	1929	-	1192.0	320.8	6604.8	6.9	5.5	20.6	23.75	24.88	.625	10.00	.875	16.33
99.69 1240.3 382.4 7637.2 9.4 6.2 20.0 26.38 24.88 .625 13.00 .875 92.65 1253.9 4013.0 7968.7 9.6 6.4 19.0 27.25 24.88 .625 14.80 .875 92.65 1253.9 4013.0 7968.7 9.6 6.4 19.0 27.25 24.88 .625 12.00 14.125 96.90 1267.5 430.5 6494.7 9.6 6.4 19.0 27.25 23.13 .625 12.00 14.125 97.55 1385.1 420.5 9477.6 10.4 6.8 22.5 28.69 26.13 .625 12.00 14.125 98.60 1387.5 432.5 9667.6 10.4 6.8 22.5 28.69 26.13 .688 12.00 14.125 101.125 101.137.7 443.8 1667.6 10.4 6.8 22.5 29.0 24.0 24.0 127.7 443.8 1667.5 10.6 7.1 22.0 29.94 27.88 .688 12.00 .875 101.80 1403.5 455.4 10016.5 10.6 7.1 22.0 29.94 27.88 .688 13.00 .875 116.5 116.5 116.5 116.5 11.3 24.13 .688 13.00 .875 116.5 116.5 116.5 116.5 117.3 24.13 .688 13.00 .875 116.5 116.5 116.5 117.3 24.13 .688 13.00 .875 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 116.5 11	.625/1-125T	85.44	1224.5	351.5	7205.1	9.5	5.9	20.5	25.13	25.13	.625	9.00	1.125	16.49
92.65 1253.9 443.0 7968.7 9.6 6.4 19.8 27.25 24.80 .625 14.00 .875 95.0 1277.5 418.3 8178.0 9.6 6.4 20.0 27.38 25.13 .625 11.0 1.125 97.9 10.0 1277.5 418.3 8178.6 10.4 6.8 22.5 28.6 9.2 25.13 .625 11.0 1.125 97.9 12.0 1.125 97.5 1365.1 420.5 9477.6 10.4 6.8 22.5 28.6 9.2 25.13 .625 11.0 1.125 98.6 11.2 7.7 443.8 8617.6 10.4 6.8 22.5 28.6 9.0 24.8 6.6 12.7 7 443.8 8617.6 10.4 6.8 22.5 29.0 24.8 6.6 12.5 16.0 1.125 105.2 11.0 1.4 20.3 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	1529	-	1240.3	382.4	7637.2	4.6	6.2	20.0	26.38	24.88	• 625	13.00	.875	16.33
93.09 1261.8 404.3 8078.0 9.6 6.4 20.0 27.36 25.13 .625 11.00 1.125 96.90 1277.5 430.5 8494.7 9.8 6.6 19.7 28.50 25.13 .625 11.00 1.125 98.60 1277.5 432.5 840.8 6.6 19.7 28.50 28.13 .625 12.00 1.125 98.60 1277.7 432.8 8607.6 19.8 6.7 12.6 20.0 24.8 6.25 12.00 1.125 98.60 1277.7 432.5 9605.1 10.4 6.9 22.2 29.06 27.8 6.68 12.00 .875 1105.20 14.26.2 473.5 105.4 106.5 10.8 7.1 22.0 29.94 27.8 6.68 13.00 .875 115.19 15.62 4779.5 105.2 11.8 7.1 22.0 29.94 27.8 6.68 13.00 .875 115.19 15.62 4779.5 11073.2 11.8 7.4 22.0 130.34 28.13 .688 11.00 .875 116.65 1473.9 566.8 1227.2 11.3 8.2 21.2 34.31 28.13 .750 11.00 11.125 118.5 91.95 2.2 566.8 1207.2 11.9 8.4 23.9 33.8 31.13 .750 11.00 11.125 112.5 112.5 122.5 10.6 11.8 59.126.2 13.456.2 11.9 8.4 23.9 35.40 31.13 .750 11.00 11.125 122.40 1611.8 59.6 59.7 140.6 2 12.2 8.8 23.3 36.50 30.8 7.50 11.00 11.125 122.40 1611.8 59.8 52.3 11.6 8.6 23.3 36.50 30.8 7.50 11.00 11.125 122.40 1611.8 59.8 52.3 11.5 12.2 8.8 2.8 33.3 36.50 31.3 .750 11.00 11.125 122.40 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 31.3 .750 12.00 11.125 122.40 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 31.3 .750 12.00 11.125 1244.0 1613.8 625.3 11.5 12.5 40.00 31.3 .750 14.00 11.125 144.0 11.2 12.5 12.0 11.0 11.2 12.5 144.0 11.2 12.5 12.0 11.0 11.2 12.5 144.0 11.2 12.5 12.0 11.0 11.2 12.5 144.0 11.2 12.5 12.0 11.0 11.2 12.5 144.0 11.0 11.2 12.5 144.0 11.0 11.2 12.5 14.0 11.0 11.2 12.5 14.0 11.0 11.2 11.2 11.2 11.2 11.2 11.2 11	1625/ .8757	-	1253.9	403.0	7968.7	9.6	4.9	19.8	27.25	24.88	.625	14.00	.875	16.33
96.90 1277.5 \$30.5 0494.7 9.8 6.6 19.7 28.50 25.13 .625 12.00 1.125 97.55 1365.1 \$420.5 9477.6 10.4 6.8 22.5 28.69 28.13 .688 9.00 1.125 98.60 1277.7 \$43.9 10.4 6.8 22.5 28.69 28.13 .688 13.00 1.125 98.60 13875.5 \$432.5 9605.1 10.4 6.8 22.5 29.06 27.88 .685 13.00 .875 101.80 1403.5 \$452.5 10046.5 10.6 7.1 22.0 29.94 27.88 .688 13.00 .875 105.20 1426.2 \$75.9 1283.6 11.7 8.2 22.0 30.34 28.13 .680 11.00 1.125 115.19 1568.2 \$75.9 1283.6 11.7 8.2 22.9 33.88 .750 11.00 1.125 116.59 1473.9 566.0 12027.2 11.3 8.2 23.9 34.88 .750 14.00 1.125 122.40 1611.8 594.7 14066.2 12.1 8.8 23.3 36.50 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 31.13 .750 12.00 1.125 124.20 1652.2 62.6 14754.0 12.2 9.1 23.5 \$40.00 31.13 .750 14.00 1.125 135.00 1624.2 626.6 14754.0 12.2 9.1 23.5 \$40.00 31.33 .875 10.00 1.375 144.90 1765.8 775.9 17899.3 13.3 10.0 25.4 \$42.63 34.13 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.6 25.6 \$45.03 34.33 .875 10.00 1.375 159.10 1994.6 837.8 22862.2 14.7 11.5 2.5 54.00 37.30 .875 11.00 1.375 150.10 1994.6 837.8 22862.2 14.7 11.5 2.5 54.00 34.33 .875 11.00 1.375 150.10 1994.6 837.8 22862.2 14.7 11.5 2.5 54.00 37.50 .875 11.00 1.375 150.10 182.8 10.10 25.4 13.5 10.6 25.5 54.00 37.50 .875 11.00 1.375 150.10 182.8 10.10 25.4 13.5 10.6 25.5 54.00 37.50 .875 11.00 1.375 150.10 182.8 10.10 15.3 12.5 25.5 54.00 37.50 .875 11.00 1.375 150.10 182.8 10.10 15.3 12.5 25.5 54.00 37.50 .875 11.00 1.375	,625/1-125T	-	1261.8	404.3	8078.0	9.6	4.9	20.0	27.38	25.13	.625	11.00	1.125	16.49
97.55 1365.1 420.5 9477.6 10.4 6.8 22.5 28.69 28.13 .688 9.00 1.125 98.60 1277.7 443.8 8607.6 9.9 6.7 19.4 29.00 24.88 .625 16.00 .875 101.80 1137.5 443.8 18607.6 9.9 6.7 19.4 29.00 24.88 .625 16.00 .875 101.80 11403.5 452.4 10016.5 1 10.4 6.9 22.2 29.06 27.88 .688 13.00 .875 105.2 104.80 11.00 14.125 115.19 156.2 479.5 10543.2 10.8 7.4 22.0 30.94 27.83 .688 11.00 14.125 115.19 1568.2 535.9 12833.6 11.7 8.2 23.9 33.88 30.88 .750 13.00 .875 118.59 159.2 566.8 12833.6 11.7 8.2 23.9 34.88 31.13 .750 13.00 .875 120.5 10.8 17.0 14.25 120.5 10.8 17.0 14.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.8 17.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 10.0 11.25 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5 120.5	.625/1-125T		1277.5	430.5	1.4649	9.6	9.9	19.7	28.50	25.13	.625	12.00	1.125	16.49
98.60 1277.7	.688/1.125T	97.	1385.1	450.5	9417.6	10.4	8.9	55.5	28.69	28.13	.688	9.00	1.125	20.21
98.80 1387.5 432.5 9605.1 10.4 6.9 22.2 29.06 27.88 .688 12.00 .875 101.80 14013.5 455.4 10016.5 10.6 7.1 22.0 29.94 27.88 .688 13.00 .875 115.12 1426.2 479.5 10016.5 10.6 7.1 22.0 30.94 27.88 .688 13.00 .875 115.12 15.20 15.60 15.00 .875 115.12 15.20 15.20 15.00 .770 13.00 .875 116.65 1473.9 566.8 12027.2 11.3 8.2 21.2 34.31 28.13 .688 14.00 1.125 116.5 1473.9 566.8 12027.2 11.9 8.4 23.9 34.88 31.13 .750 11.00 1.125 122.40 1611.8 594.7 14066.2 12.1 8.7 23.7 36.00 31.13 .750 11.00 1.125 122.40 1611.8 594.7 14066.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 625.3 1265.9 11.6 8.6 20.7 23.7 36.70 31.13 .750 14.00 1.125 130.05 1649.8 625.3 1265.9 11.6 8.6 20.7 23.3 36.50 31.13 .750 14.00 1.125 130.05 1649.8 625.3 1265.9 11.6 8.6 20.7 23.3 36.50 31.3 .750 14.00 1.125 130.05 1645.6 659.0 15236.1 12.5 9.3 23.1 38.25 31.13 .750 14.00 1.125 130.05 1645.6 659.0 15236.1 12.5 9.1 23.5 40.00 31.3 .875 10.00 1.375 144.9 1775.4 1775.4 1999.1 14.0 10.2 25.2 44.00 34.38 .875 12.00 1.375 144.9 10.00 1.375 144.9 10.00 1.375 144.9 10.00 1.375 14.00 1.335 11.7 12.2 14.0 1.2 25.2 44.00 34.36 .875 14.00 1.375 11.00 1.375 11.7 1823.0 775.3 12.0 11.3 12.0 11.375 11.2 11.2 11.2 11.2 11.2 11.2 11.2 11.	.625/ .875T	98.	1277.7	443.8	8607.6	6.6	6.7	19.4	29.00	24.88	.625	16.00	.875	16.33
115.20 1403.5 455.4 10016.5 10.6 7.1 22.0 29.94 27.08 .688 13.00 .075 1155.20 1426.2 479.5 10543.2 10.8 7.4 22.0 30.94 28.13 .688 11.00 1.125 1155.2 1473.9 566.8 12023.6 11.7 8.2 23.9 33.08 30.18 .750 11.00 1.125 118.5 1473.9 566.8 12027.2 11.7 8.2 21.2 34.31 28.13 .688 14.00 1.125 118.5 148.5 1592.2 562.2 13454.2 11.9 8.4 23.9 34.88 31.13 .750 11.00 1.125 122.5 148.7 596.5 12510.0 11.5 8.4 21.0 35.44 28.13 .750 11.0 11.125 122.10 1613.8 611.3 14245.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.9 11.6 8.0 23.3 36.50 31.13 .750 12.00 1.125 124.30 1499.8 625.3 1296.9 11.6 8.0 23.3 36.50 31.13 .750 14.00 1.125 130.05 1645.6 659.0 15236.1 12.2 8.8 23.3 36.50 31.13 .750 14.00 1.125 130.05 1645.6 659.0 15236.1 12.2 8.8 23.3 36.25 31.13 .750 14.00 1.375 130.05 1624.2 626.6 14754.0 12.2 9.1 23.5 40.00 31.38 .875 10.00 1.375 144.09 1775.3 19259.3 13.3 10.0 25.4 42.33 34.13 .875 10.00 1.375 149.6 01 18129 175.3 1924.2 13.5 10.4 25.2 44.00 34.38 .875 10.00 1.375 149.6 01 1823.0 775.3 1924.2 13.5 10.6 24.6 44.6 3 34.13 .875 10.00 1.375 151.7 1823.0 775.3 1924.2 13.5 10.6 24.6 44.6 3 34.13 .875 10.00 1.375 151.7 1823.0 775.3 12.0 15.7 13.5 10.0 15.375 151.7 1823.0 175.3 12.0 15.7 13.5 10.0 15.375 151.7 1823.0 175.3 12.0 15.7 13.5 12.0 15.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 15.375 151.0 151.2 151.0 15.375 151.0 151.2 151.0 151.2 151.0 151.2 151.0 151.2 151.0 151.0 151.2 151.0 151.0 151.2 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 151.0 15	1878. 1888.	98	1387.5	432.5	9605.1	10.4	6.9	25.2	29.06	27.88	.688	12.00	.875	20.04
115.19 1568.2 535.9 12633.6 11.7 8.2 23.9 33.88 30.88 750 13.00 1.125 116.65 1473.9 566.8 11.7 8.2 23.9 33.88 30.88 750 13.00 .875 116.65 1473.9 566.8 12027.2 11.3 8.2 23.9 33.88 30.88 750 13.00 .875 116.65 1473.9 566.8 12027.2 11.3 8.2 21.2 34.31 20.13 .750 13.00 .875 118.59 1592.2 562.2 13454.2 11.9 8.4 23.9 33.88 30.88 770 11.00 1.125 120.50 1407.7 596.5 12510.0 11.5 8.4 21.0 35.46 20.13 .750 11.00 1.125 122.40 1611.8 594.7 14066.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 30.88 .750 12.00 1.125 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.50 30.88 .750 16.00 1.125 124.30 16524.2 659.0 15236.1 12.5 9.3 23.1 38.25 50.13 .750 14.00 1.125 135.00 1624.2 626.6 14754.0 12.2 9.1 23.5 40.00 31.33 .750 14.00 1.375 14.00 1.025.4 1795.4 710.0 16129.0 13.3 10.0 25.4 42.38 34.13 .875 12.00 1.375 149.6 619.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 10.00 1.375 149.6 619.1 775.3 19245.4 13.5 10.6 24.6 334.13 .875 11.00 1.375 11.7 11.2 5.0 210.2 610.8 10.8 25.2 64.6 0 37.8 25.2 64.6 0 37.8 25.2 64.6 0 37.8 25.2 64.6 0 37.8 25.2 64.6 0 37.8 25.2 67.5 14.0 11.375 11.2 67.5 11.0 1.375 11.2 67.5 67.5 10.6 27.5 67.5 14.0 11.375 11.2 67.5 11.0 11.375 11.2 67.5 67.5 11.0 11.375 11.2 67.5 11.2 67.5 11.0 11.375 11.2 67.5 67.5 67.5 11.0 11.375 11.2 67.5 67.5 11.0 11.375 11.2 67.5 67.5 11.0 11.375 11.2 67.5 67.5 11.0 11.375 11.2 67.5 67.5 11.0 11.375 11.2 67.5 67.5 67.5 11.0 11.375 11.2 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5	1578. 1888.	101	1403.5	4.554	10016.5	10.6	7.1	22.0	59.94	27.88	.688	13.00	.875	20.04
115.19 1568.2 535.9 12833.6 11.7 8.2 23.9 33.88 30.88 .750 13.00 .875 116.65 1473.9 566.8 12022.2 11.3 8.2 21.2 34.31 28.13 .688 14.00 1.125 118.59 1592.2 562.2 13454.2 11.9 8.4 23.9 35.88 31.13 .750 11.00 1.125 120.0 14.05 11.00 1.125 120.0 14.05.2 12.14 8.4 21.0 35.44 26.13 .688 15.00 1.125 122.40 1611.8 594.7 14066.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 30.88 .750 12.00 1.125 124.30 1499.8 625.3 1295.9 11.6 8.6 20.7 36.56 26.13 .688 16.00 1.125 124.30 1699.8 625.3 1295.9 11.6 8.6 20.7 36.56 26.13 .688 16.00 1.125 124.30 1659.8 625.3 1295.9 11.6 8.6 20.7 36.56 26.13 .688 16.00 1.125 124.30 1654.2 625.6 14754.0 12.2 9.1 23.5 40.00 31.38 .875 110.00 1.375 144.94 1795.4 710.0 18129.0 13.3 10.0 25.4 42.38 34.13 .875 110.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 110.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 110.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.8 .875 14.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 26.2 50.7 37.30 .875 14.00 1.375 158.60 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.50 .875 14.00 1.375 15.00 1.500 1.500	.688/1.125T		1426.2	419.5	10543.2	10.8	1.4	22.0	30.34	28.13	.688	11.00	1.125	20.21
116.65 1473.9 566.8 12027.2 11.3 8.2 21.2 34.31 26.13 .688 14.00 1.125 118.59 1592.2 562.2 1345.2 11.9 8.4 23.9 34.88 31.13 .750 11.00 1.125 120.50 1487.7 594.7 14.056.2 12.1 8.4 23.9 34.88 31.13 .750 11.00 1.125 120.80 1481.8 594.7 14.056.2 12.1 8.7 23.7 35.00 31.13 .750 12.00 1.125 124.10 1611.8 594.7 14.056.2 12.1 8.7 23.7 35.00 31.8 .750 12.00 1.125 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.56 28.13 .688 15.00 1.125 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.56 28.13 .688 16.00 1.125 135.05 1645.6 659.0 15236.1 12.5 9.3 23.1 38.25 31.13 .750 14.00 1.125 144.99 1765.8 710.9 1754.0 12.2 9.1 23.5 40.00 31.38 .875 10.00 1.125 144.94 1795.4 710.0 18129.3 13.3 10.0 25.4 42.63 34.38 .875 10.00 1.125 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 10.00 1.125 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.8 .875 14.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.50 .875 14.00 1.375 17.50 183.50 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.375 17.50 183.50 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.500	7528. 1875T		1566.2	535.9	12833.6	11.7	8.2	23.9	33.88	30.88	.750	13.00	.875	24.10
118.59 1592.2 562.2 13454.2 11.9 8.4 23.9 34.86 31.13 .750 11.00 1.125 120.50 1487.7 596.5 12510.0 11.5 8.4 21.0 35.44 28.13 .750 11.00 1.125 122.40 1611.0 594.7 14066.2 12.1 8.7 23.7 36.50 31.13 .750 12.00 1.125 122.4 10 1611.0 594.7 14066.2 12.1 8.8 23.3 36.50 30.86 .750 15.00 1.125 124.10 1613.8 651.3 14245.9 11.6 8.6 20.7 36.56 28.13 .750 16.00 1.125 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.56 28.13 .750 16.00 1.125 130.05 1645.6 659.0 15236.1 12.5 9.3 23.1 38.25 31.13 .750 14.00 1.125 144.90 1765.8 775.9 17899.3 13.3 10.0 25.4 42.38 34.13 .875 10.00 1.375 144.94 1795.4 770.0 18129.3 13.3 10.0 25.4 42.38 34.13 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 158.0 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.8 .875 14.00 1.375 158.0 1.25 16.00 1.375 17.0 183.5 6.2 10.0 1.375 17.0 1.375 17.0 183.5 6.2 10.0 1.375 17.0 1.375 17.0 183.5 6.2 10.0 1.375 17.0 1.375 17.0 183.5 6.2 10.0 1.375 17.0 1.375 17.0 183.5 6.2 10.0 1.375 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17	.688/1.125T		1473.9	8.995	12027.2	11.3	8.2	21,2	34.31	28.13	.688	14-00	1.125	20.21
120.50 1487.7 596.5 12510.0 11.5 8.4 21.0 35.44 28.13 .688 15.00 1.125 122.40 1611.8 594.7 14086.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.00 31.13 .750 16.00 .875 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.56 28.13 .750 16.00 .875 130.05 1645.6 659.0 15236.1 12.5 9.3 23.1 38.25 31.13 .750 14.00 1.125 135.00 1624.2 626.6 14754.0 12.2 9.1 23.5 40.00 31.38 .875 10.00 1.375 144.09 1785.8 715.9 17899.3 13.3 10.0 25.4 42.38 34.13 .875 12.00 1.375 144.09 1785.4 710.0 18129.0 13.3 10.1 25.5 42.63 34.38 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.8 .875 11.00 1.375 173.50 2202.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.50 .875 11.00 1.375	750/1-1257		1592.2	562.2	13454.2	11.9	9.4	23.9	34.88	31.13	.750	11-00	1.125	24.29
122.40 1611.0 594.7 14066.2 12.1 8.7 23.7 36.00 31.13 .750 12.00 1.125 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 30.86 .750 16.00 .875 124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 30.86 .750 16.00 .875 130.00 1645.6 659.0 15236.1 12.2 8.8 23.3 36.56 28.13 .750 14.00 1.125 130.05 1645.6 659.0 15236.1 12.2 9.3 23.1 36.25 31.13 .750 14.00 1.125 144.09 1785.8 705.9 17899.3 13.3 10.0 25.4 42.38 34.13 .875 10.00 1.375 144.09 1785.4 710.0 18129.0 13.3 10.0 25.4 42.38 34.13 .875 10.00 1.375 145.35 1911.2 716.4 19999.1 14.0 10.5 27.9 42.75 37.13 .875 10.00 1.375 149.60 1819.1 752.9 1825.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 158.7 11823.0 775.3 19245.4 13.5 10.6 27.8 44.63 34.13 .875 14.00 1.375 158.0 10.99 .5 2058.4 91.8 25679.0 15.3 12.5 26.2 54.00 37.50 .875 14.00 1.375 183.60 2102.8 1088.4 27796.6 15.7 13.2 25.5 54.00 37.50 .875 14.00 1.375 15.50 15.50	.688/1-125T		1487.7	5.965	12510.0	11.5	8.4	21.0	35.44	28.13	.688	15.00	1.125	20.21
124.10 1613.8 611.3 14245.5 12.2 8.8 23.3 36.50 30.86 .750 16.00 .875 124.30 1499.8 625.3 12965.9 11.6 8.6 20.7 36.56 28.13 .686 16.00 1.125 130.05 1645.6 625.0 14.525 12.5 9.3 23.1 38.25 13.13 .686 16.00 1.125 135.05 1645.6 626.6 14754.0 12.2 9.1 23.5 40.00 31.38 .875 10.00 1.375 144.94 1795.4 710.0 18129.0 13.3 10.0 25.4 42.38 34.13 .875 12.00 1.375 144.94 1795.4 710.0 18129.0 13.3 10.1 25.4 42.38 34.38 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 149.60 1819.1 775.3 19245.4 13.5 10.6 27.3 44.63 34.13 .875 11.00 1.375 158.0 10.99 .6 837.8 22862.2 14.7 11.5 27.3 46.5 37.38 .875 14.00 1.375 158.0 10.99 .6 837.8 2562.0 14.5 27.3 46.5 37.38 .875 14.00 1.375 13.8 10.90 1.375 13.3 12.5 52.5 54.00 37.5 37.38 .875 14.00 1.375 183.60 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.5 37.38 .875 14.00 1.375 183.60 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.5 14.00 1.375 15.00 1.500	750/1-125T	122.40	1611.8	2.465	14066.2	15.1	1.8	23.7	36.00	31.13	.750	12.00	1.125	24.29
124,30 1499,8 625,3 12965,9 11,6 8.6 20,7 36,56 26,13 ,688 16,00 1,125 130,05 1645,6 659,0 15236,1 12,5 9,3 23,1 38,25 31,13 ,750 14,00 1,125 135,00 1624,2 626,6 14754,0 12,2 9,1 23,5 40,00 31,38 ,875 10,00 1,375 144,09 1795,4 770,9 16129,0 13,3 10,0 25,4 42,38 34,13 ,875 12,00 1,125 145,35 1911,2 716,4 19999,1 14,0 10,5 27,9 42,75 37,13 ,875 10,00 1,125 149,60 1819,1 752,9 18972,4 13,5 10,4 25,2 44,00 34,38 ,875 11,00 1,375 151,7 1823,0 775,3 1924,5,4 13,5 10,6 24,8 44,63 34,13 ,875 11,00 1,375 158,10 1994,6 837,8 22862,2 14,7 11,5 27,3 46,50 37,38 ,875 14,00 1,375 175,3 12,5 2058,4 981,8 25679,0 15,3 12,5 26,2 54,00 37,50 ,875 14,00 1,375 183,60 2102,8 1088,4 2779,6 15,7 13,2 25,5 54,00 37,50 ,875 15,00 1,500 1,500	7507 .875T		1613.8	611.3	14245.5	15.2	8.8	23.3	36.50	30.88	.750	16.00	.875	24.10
130.05 1645.6 659.0 15236.1 12.5 9.3 23.1 38.25 31.13 .750 14.00 1.125 135.00 1654.2 626.6 14754.0 12.2 9.1 23.5 40.00 31.38 .875 10.00 1.375 104.09 1785.8 710.9 1.875.1 10.00 1.375 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.00 1.125 10.0	.688/1-125T		1499.8	625.3	12965.9	11.6	9.6	20.7	36.56	28.13	.688	16.00	1.125	20.21
135.00 1624.2 626.6 14754.0 12.2 9.1 23.5 40.00 31.36 .875 10.00 1.375 144.09 1785.8 705.9 17899.3 13.3 10.0 25.4 42.38 34.13 .875 12.00 1.125 144.09 1785.4 710.0 18129.0 13.3 10.0 25.4 42.83 34.13 .875 10.00 1.375 144.94 1795.4 716.4 19999.1 14.0 10.5 27.9 42.63 34.38 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 10.00 1.375 151.7 1823.0 775.3 19245.4 13.6 10.6 24.8 44.63 34.13 .875 11.00 1.375 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.38 .875 11.00 1.375 173.6 2102.8 1088.4 2779.6 15.3 12.5 26.2 50.75 37.38 .875 14.00 1.375 183.60 2102.8 1088.4 2779.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.375	750/1.125T		1645.6	659.0	15236.1	15.5	9.3	23.1	38.25	31.13	.750	14-00	1.125	24.29
144.09 1785.8 705.9 17899.3 13.3 10.0 25.4 42.38 34.13 .875 12.00 1.125 144.94 1795.4 710.0 18129.0 13.3 10.1 25.5 42.63 34.38 .875 10.00 1.375 145.35 1911.2 716.4 19999.1 14.0 10.5 27.9 42.75 37.13 .875 10.00 1.375 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 151.74 1823.0 775.3 19245.4 13.6 10.6 24.8 44.63 34.13 .875 14.00 1.225 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.50 .875 14.00 1.375 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.2 54.00 37.50 .875 15.00 1.500	875/1.375T		1624.2	9.929	14754.0	12.5	9.1	23.5	40.00	31.38	.875	10.00	1.375	28.55
144.94 1795.4 710.0 18129.0 13.3 10.1 25.5 42.63 34.38 .875 10.00 1.375 145.35 1911.2 716.4 19999.1 14.0 10.5 27.9 42.75 37.13 .875 10.00 1.125 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 151.74 1823.0 775.3 19245.4 13.5 10.6 24.8 44.63 34.13 .875 14.00 1.225 158.10 1994.6 837.8 22865.2 14.7 11.5 27.3 46.50 37.50 .875 14.00 1.500 1.500 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.2 54.00 37.50 .875 14.00 1.375 153.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.550	875/1-125T		1785.8	705.9	17899.3	13.3	10.0	25.4	42.38	34.13	.875	12.00	1.125	30.96
149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.36 .875 10.00 1.125 149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.36 .875 11.00 1.375 151.74 1823.0 775.3 19245.4 13.6 10.6 24.8 44.63 34.13 .875 14.00 1.25 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.53 37.50 .875 10.00 1.500 1.500 17.5 5 2058.4 981.8 25679.0 15.3 12.5 26.2 50.75 37.38 .875 14.00 1.375 183.50 2102.8 1088.4 27790.6 15.7 13.2 25.2 54.00 37.50 .875 15.00 1.500	875/1.3757		1795.4	710.0	18129.0	13.3	10.1	25.5	45.63	34.38	.875	10.00	1.375	31.18
149.60 1819.1 752.9 18972.4 13.5 10.4 25.2 44.00 34.38 .875 11.00 1.375 151.74 1823.0 775.3 19245.4 13.6 10.6 24.8 44.63 34.13 .875 14.00 1.125 158.10 1994.6 837.8 2682.2 14.7 11.5 27.3 46.50 37.50 .675 11.00 1.500 17.55 2058.4 981.8 25679.0 15.3 12.5 26.2 50.75 37.38 .875 14.00 1.375 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.500	875/1.125T		1911.2	716.4	19999.1	14.0	10.5	27.9	42.75	37.13	.875	10.00	1.125	33.58
151.74 1823.0 775.3 19245.4 13.6 10.6 24.8 44.63 34.13 .875 14.00 1.125 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.50 .675 10.00 1.500 172.55 2058.4 981.8 25679.0 15.3 12.5 26.2 50.75 37.38 .875 14.00 1.375 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.500	875/1.375T	-	1819.1	752.9	18972.4	13.5	10.4	25.5	00.44	34.38	.875	11.00	1.375	31.18
01 158.10 1994.6 837.8 22862.2 14.7 11.5 27.3 46.50 37.50 .675 10.00 1.500 .51 172.55 2058.4 981.8 25679.0 15.3 12.5 26.2 50.75 37.38 .875 14.00 1.375 .01 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1.500	875/1-125T	-	1823.0	775.3	19245.4	13.6	10.6	24.8	44.63	34.13	.875	14.00	1.125	30.96
5T 172.55 2058.4 981.8 25679.0 15.3 12.5 26.2 50.75 37.38 .875 14.00 1 0T 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1	875/1.500T	158.10	1994.6	837.8	22862.2	14.7	11.5	27.3	46.50	37.50	.875	10.00	1.500	33.91
07 183.60 2102.8 1088.4 27790.6 15.7 13.2 25.5 54.00 37.50 .875 15.00 1	.875/1.375T	172.55	2058.4	981.8	25679.0	15.3	12.5	26.2	50.75	37.38	.875	14.00	1.375	33.80
	875/1.5007	183.60	2102.8	1088.4	27790.6	15.7	13.2	25.5	24.00	37.50	A75	45.00		33 00

1.2500 - 1 1/4 in.

WOMINAL 2X - 12 2X - 12 3X - 12									*****	*** BEA4	ö	MENSIONS *****		
2X -12 2X -12 3X -12 3X -12			-	LUS							MEB	FLA	NGE	SHEAF
		HT/FT	ZPL		INERTIA	ď	A b	4 1	AREA	DEPTH	THICK	HIDIM	THICK	
3 X X	.1881	5.55	1.92	6.4	18.7	.5		3.8	.75	3.19	.125	2.00	.188	
3 X		5.99	33.0		24.1	9.			.88	4.19	.125	2.00	.188	
3×		3.20		5.6	21.4	• •		3.8	16.	3.19	.125	3.00	.188	
		3.40			31.3			2.8	1.00	5.19	.125	2.00	.188	
3×		3.60,	37.9	5.8	28.2	9.		4.8	1.06	4.19	.125	3.00	.188	
3×		4.05		6.5	37.5		•	5.8	1.19	5.19	.125	3.00	.188	
×		69.4	45.5	6.5	32.1		•	6.4	1.38	4.31	.188	2.00	.313	
3×		5.10	37.2	7.1	28.0					3,31	.188	3.00	.313	
2×	.313T	5.30	62.6	7.4	43.5			5.9		5.31	.188	2.00	.313	
2X		5.95		8.5	58.4	6.	8.		1.75	6.31		2.00	31	
2X		6.15	84.6	8.8	6.89	1.0				7.25		-	.250	
3×		6.39	67.3		54.0	6				5.31		0	31	
		6.60	68.8	9.5	55.5	6			1.94	5.25		4.00	.250	
3×		7.00	99.5	10.7	83.7	-				7.25		3.00	25	
×		7.24	89.6		74.9			•		6.25		4.00	20	
3		7.45	77.6		24.4				•	2.2		2	3 .	
		- 4			1 4 6					7 2 2			213	
3		7.85	113.4	12.7	98.3					7.25	188	200	250	
, ×			1001	12.7	26.5					6. 24	48	00 7	212	
		9 6	1 26 .	10.01	6 200	::				100			24.5	
	31 31		113.2	14.8	1001				2	7 7 7	480	200	212	
*		1 1	108.6		0 0					44.4	250	3.00	4 4	
2×			142.5	17.0	131.9	1.3	. 6	2.8			188		313	
×			115.3	15.1	103.6	1.2	6	6.9	-	6.38	.250	4.00	.375	
3×			137.3	16.1	126.8	1.3	6	2.9	3.06	7.66	.250	3.00	.438	
3×			156.3	17.0	149.8		6	8.8	3.13	8.38	.250	3.00	.375	
3%			178.2	17.7	172.2	1.5		1.6	3.19	9.31	.250	3.00	.313	
			164.9	18.1	158.2	1.5		8.7	.2		.250	4.00	.313	
3×	•		169.5	18.5	164.0	1.5	_	8.8		8.44	.250	3.00	.438	
3%			191.8	19.5	190.0	1.6		9.6	3.38		.250	3.00	.375	
3×	. 31 3T		213.2	20.2	215.7	1.7	_	10.7	3	10.31	.250	3.00	.313	
×			179.1	2002	177.1	1.5		8.8	.5	8.38	.250	4.00	.375	
3×			204.8	21.2	207.8	1.7		9.8	.5	9.44	.250	3.00	.438	2.70
	•		258.5	22.1	237.0	1.8		10.1	•	10.38	.250	3.00	.375	
×			536.9	23.5	549.9	1.8	_	10.6	-		.250	00-4	.313	
	.313T		218.9	23.7	228.8	1.7		9.6	3.81	•	.250		.313	
2×			198.8	23.5	205.1	1.6		8.7			.250	2.00	.375	
* ×*			555.4	26.1	278.4	1.9		10.7	4.00		.250	4.00	.375	
5x .	. 31.3T		258.4	26.8	283.6	1.9		10.6	4.06	10.31	.250	5.00	.313	
5x .			237.9	26.7	258.1	1.8			4.13		.250	5.00	.375	
ex s	•		214.1	26.1	228.4	1.7			4.19	8.44	.250	5.00	.438	
* × *			272.6	20.7	306.7	2.0	1.1	10.7	4.25		.250	0	. 438	
5x .	•		279.5	30.1	319.2	2.0			4.38		.250	5.00	.375	
		15.10	255.6	29.7	287.5	1.9			*		.250	5.00	.438	
. x9	.37		257.4	30.3	291.2	2.0	-	9.6	.5		.250	6.00	375	

1.375 IN. PLATE (AREA= 71.84 SQ.IN.)

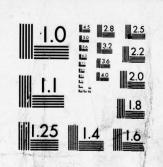
SHEAR	2.45	2.95	2.94	2.69	2.45	2.94	2.70	3.74	4.31	5.45	5.95	4.33	2.70	4.31	4.35	5.95	4.33	4.31	4.35	4.33	4.31	4.35	4.33	2.94	96.5	4.35	4.33	2.99	2.26	0.01	2.30	200	•	•	4.35					6.01				
THICK		6.3	375	.375	.438	.375	.438	.563	904.	.438	.438	694.	.438	904.	.531	.438	694.	904.	.531	694.	904.	.531	694.	694.	.531	.531	.469	.594	•656	• 656	.531	122	. 656	044	531	465	.531	694	.531	.656	165.	.531	.531	*65*
DIN	4 4	-		7-00		7-00			00-4	-	:	•		-	-	•	-	6.00	-		7.00	6.00		-		0	•	00 - 4		•	200				0	-		-		6.00			2.00	
THICK	200	250	250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	.313	.313	.375	.375	.375	212	235	375	375	313	2	375	.375	.313	.375	.375	.375	.438	.438
DEPTH	177	10.44		9.38	*	16.38	4	10.56		8.44	3.		*	12.41	•		12.47	12.41	12,53	12.47	12.41	12.53	12.47	14.47	14.53	~	15.47	3	12.66	14.66	14.55	16.73	14.66	14.47	. 6		14.53	14.47	12.53	14.66	14.59	5	2	16.59
ARFA	1	200	4.75	4.88	5.06	5.13	5.31	5.38	5.38	5.50	95.5	5.63	5.15	5.78	5.88	6.00	60.9	6.19	6.41	95.9	6.59	46.9	7.03	7.13	7.38	7.47	7.50	7.63	2.78	200	16.0	9 9	8.5		8.53	8.81	8.97	9.00	9.06	-	9.41	9.50	9	.9
4		10.6	10.6	9.6	8.7	10.5	9.6	10.7	12.5			15.5			15.5		15.4	15.4	12.5		12.3	15.4				12.3	2	;		: .	14.6					4	14.0		12.1	14.1	4	13.9		5
4		1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4		1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6						1.8	*			1.8	1.9		2.0	2.0	
•	•			2.1		2.3	2.2				2.4		2.3			5.5		2.7		6.2			3.0	3.1	3.2	3.1		3.3	3.1		3 . 2		2.5	2.5	3.4				3.5	3.8	3.9	3.9	4.0	4.1
TNERTTA	26.0	354.7		324.6		400.3		386.1	467.4	322.0	447.6	506.2	402.7	527.7	245.7		576.0	568.0		645.2		703.3	714.3	2	•	780.6	N		0	919.5	961.1	1024.6	1047.4	0.38	931.8					M	:	;	;	1394.1
MODULUS	100	33.4	34.1	33.9	33.7	38.1	38.0	36.1	37.4	37.4	45.6	4.0.4	42.3	45.4	43.5	47.2	46.3	47.5	50.5	52.1	52.7	56.8	58.1	53.6	57.1	63.5	0.49	9.09	50.8	1.40	0.40	72.5	73.6	73.0	76.8	77.8	80.2	80.7	83.4	83.1	96.4	87.9	95.6	87.6
SECTION	222 4	2.992	301.6	275.6	250.2	321.8	296.0	311.9	363.9	265.8	343.8	382.2	313.5	391.5	399.7	363.0	412.2	416.6	431.6	438.8	439.7	4.59.6	462.9	493.0	511.1	484.5	484.6	528.2	472.0	244.0	506.7	576 4	581.1	577.3	526.5	593.A	599.9	6.665	544.5	612.5	9.029	623.4	661.9	681.0
WI/FI		2 2	2		20	4	90	6	62	2	90	19.14	13.55	19.65	19.99	20.40	20.71	21.05	21.79	22.30	22.41	23.60	23.90	24.24	52.09	25.40	55.50	55.94	54.92	26.09	27 20	28 70	20.00	29.00	29.00	29.95	30.50	30.60	30.80	31.25	31.99	32.30	32.84	33.90
SIZE	1. Z BT	F. 8.	37.51	37	.4381	.3751	.438T	.563T	-406F	.4381	.438T	1694.	.438T	.406T	.531T	.438T	1694.	1904·	.531T	1694·	1904.	.531T	1694.	1694.	.5311	. 5311	1694.	1965.	. 6561	19291	5211	E241	. 65 6T	1644	.531T	1965 ·	53	1694.	.5317	.656T	1465.	.531T	.531T	1465·
	- 5	2501	250/	.250/	.250/	.250/	.250/	.313/	.313/	.250/	.250/	.313/	.250/	.313/	.313/	.250/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.375/	.313/	. 313/	.375/	.3/5/	1616.	1616.	275	375/	375/	.313/	.375/	.375/	.375/	.313/	.3751	.375/	.375/	.438/	.438/
NOMINAL	× 6v			XZ X6							0x 7x		1X 8X			10x 8x			X 2X						× 4×	12x 7x			16x 5x		10 XC						14x 7x	-	-				6x 5x	



## JF JED

## 20F.5

## AD A048989



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

1.375 IN. PLATE (AREA= 71.84 SQ.IN.)

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	.03 14.53	.19 16.	-	.28 16.	28 16.	28 16. 50 14. 56 14.	28 16 50 14 56 16 56 16	50 14 50 14 56 16 59 16	50 14. 50 14. 50 14. 50 16.	55 15 59 16 59 16 59 16 59 16	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5								22000000000000000000000000000000000000			8469999499944KV888889944	8409999499944		8466666664666	846888888888888888888888888888888888888	846666664646666666666666666666666666666		84688888888888888888888888888888888888	84666666666666666666666666666666666666				840999499944N		8 4 6 8 8 8 8 8 8 9 9 9 9 9 9 9 7 5 5 5 5 5 5 5 5 5 5 5 5			84688884849447588888844477884888488488
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594T	.5941 .5317	.531T	. 656F	1965.	1405	.5317		.719T	.719T	.594T .656T	.594T .656T .531T	.5941 .5941 .5317 .6561	.594T .594T .656T .531T .594T	. 5941 . 5941 . 5311 . 6561 . 5941 . 7191	. 7191 . 5947 . 5317 . 6567 . 5947 . 7191	. 5941 . 5541 . 5511 . 5941 . 7191 . 7191	. 5941 . 6561 . 6561 . 6561 . 7191 . 5941 . 5941	. 5941 . 5941 . 6561 . 6561 . 7191 . 7191 . 5941 . 5941	. 5941 . 5941 . 6561 . 6561 . 5941 . 5941 . 5941 . 5941	5941 6561 6561 6561 7191 7191 7191 5941 5941	5941 5561 6561 6561 7191 7191 5941 5941 5941 5941	. 5941 . 5941 . 6561 . 6561 . 7191 . 7191 . 5311 . 5311 . 5311 . 5311	5941 6561 6561 6561 7191 7191 5941 5311 5311 5941 6561	5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941 5941 5941 6561 6561	5941 5941 5941 5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941 5941 5961 5961	5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941 6561 6561 6561 6561	5541 5541 5541 5541 5541 5541 5541 5541 5561 6561 6561 6561 6561 6561	5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941	5941 5941 5941 5941 5941 5941 5941 5941	5541 5541 5541 5541 5541 5541 5541 5541 5541 5561 6561 6561 6561 6561 6561	5551 5551 5551 5551 5551 5551 5551 5551 5551 6551 6551 6551 6551 6551	5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561	5551 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561 5561
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1.375 IN. PLATE (AREA= 71.84 SQ.IN.)

SHEAR	AREA	11.50	11.63	11.56	11.53	11.53	11.56	11.63	16.33	16,33	16.33	16.41	16.57	16.41	16.41	16.57	16.57	20.30	16.41	20.13	20.13	20.30	24.19	20.30	24.38	20.30	24.38	24.19	20.30	24.38	28.66	31.07	31.29	33.69	31.29	31.07	34.02	33.91	34.02	
NGE	THICK	.625	.875	.750	.688	.688	.750	.875	.750	.750	.750	.875				1.125	1.125	1.125	.875	.875	.875	1.125	.875	1.125	1.125	1.125	2	.875	5	1.125	1.375	1.125	1.375	1.125	1.375	1.125	1.500	1.375	1.500	
IONS ****	WIDTH	11.00	9.00	10.00	11-00	13.00	12.00	11.00	9.00	10.00	11.00	10.00	9.00	13.00	14.00	11-00	12.00	9.00	16.00	12.00	13.00	11.00	13.00	14-00	11-00	15.00	12.00	16.00	16.00	14.00	10.00	12.00	10.00	10.00	11.00	14.00	10.00	14.00	15.00	
	THICK	.500	.500	.500	.500	.500	.500	.500	.625	.625	.625	.625	.625	.625	.625	.625	.625	.688	.625	.688	989.	.688	.750	.688	.750	.688	.750	.750	.688	.750	.875	.875	.875	.875	.875	.875	.875	.875	.875	
*** BEAN	DEPTH	21.63	21.88	21.75	21.69	21.69	21.75	21.88	24.75	24.75	24.75	24.88	25.13	24.88	24.88	25.13	25.13	28.13	24.88	27.88	27.88	28.13	30.88	28.13	31.13	28.13	31.13	30.88	28.13	31.13	31.38	34.13	34.38	37.13	34.38	34.13	37.50	37.38	37.50	
	AREA	17.38	-	18.00	•		19.50	20.13	•				25.13	26.38	27.25		28.50	28.69		29.06			33.88	34.31	34.88		36.00	36.50	36.56	38.25	00.04	42.38	42.63	42.75	*** 00	44.63	46.50	50.75	24.00	
	YF	19.3	13.5	19.3	19.2	18.9	19.0	19.0	21.6	21.4	21.3	21.3	21.2	20.7	20.5	20.7	20.5	23.4	20.2	23.0	22.8	22.9	24.9	22.1	24.9	21.9	24.6	24.3	21.7	24.1	24.5	26.4	26.6	29.0	26.3	25.9	28.5	27.4	26.8	
	Y	3.7	3.7	3.8	3.8	4.1	4.1	4.3	4.5	4.7	4.9	5.0	5.3	5.5	5.7	5.8	6.0	6.2	6.1	2.9	4.9	6.7	7.4	7.4	7.6	7.6	7.9	8.0	7.8	8.4	8.2	9.1	9.5	9.5	9.5	9.6	10.4	11.4	15.1	
	œ	6.9	6.9	7.1	7:1	7.4	7.4	7.5	8.0	8.2	8.4	8.5	8.8	9.0	9.5	9.3	9.4	6.6	9.6	10.0	10.2	10.4	11.3	10.9	11.5	11.1	11.7	11.8	11.3	15.1	11.8	12.9	13.0	13.6	13.2	13.2	14.3	14.9	15.4	
	INERTIA	4231.2	4310.5	4470.7	4484.3	4.6964	4999.5	5236.7	6005.1	6343.4	9.6999	6908.8	7550.4	8017.5	8375.2	6.0648	8942.0	9952.4	9067.5	10091.7	10535.4	11102.0	13525.5	12715.4	14194.2	13243.1	14858.1	15056.6	13743.1	16132.6	15617.9	18959.2	19205.3	21157.3	20124.2	20427.0	24263.0	27351.3	29677.0	
MODOLUS	ZFL	219.2	220.8	231.8	233.3	262.5	263.4	276.0	278.1	236.1	313.7	324.7	355.8	386.9	407.7	409.2	435.7	426.2	0.644	438.2	461.4	4.85.8	543.6	574.1	570.4	604.2	603.2	619.9	633.4	668.3	636.7	717.6	721.9	728.9	765.3	787.9	852.3	4.866	1106.6	
SECTION	ZPL	1143.4	1153.5	1165.3	1165.7	1202.5	1205.4	1223.3	1326.1	1350.1	1371.5	1388.0	1428.2	1448.6	1465.8	1475.2	1495.1	1617.8	1495.9	1621.2	1641.1	1668.7	1834.1	1728.2	1863.1	1745.4	1887.0	1689.9	1760.5	1928.6	1898.7	2087.4	2098.7	2231.9	2127.2	2132.2	2331.3	2408.0	2461.3	
	HT/FT	59.09	.5			66.10	66.30	68.44	73.95	76.50	79.05	80.75	85.44	69.69	92.65	93.09	96.90	97.55	98.60	98.80	101.80	105.20	115.19	116.65	118.59	120.50	122.40	124.10	124.30	130.05	136.00	144.09	144.94	145.35	149.60	151.74	158.10	172.55	183.60	
	SIZE		1878.					1878.				.875T	1.125T	.875T	.875T	1.1257	.625/1.125T	1.1257	1878.		1878.	1.1257	.875T	.688/1.125T	.750/1.125T	.688/1.1257	1.125T	1578. 1027.	1.1257	1-1257	1.3751	.875/1-125T	875/11.3757	.875/1.1257	875/1.375T	875/1.1257	875/1.500T	37	1.5007	
	NOMINAL S	.500/	.500/	. 5007	.5007	2000	1005.	•	•		.625/	.625/	.625/1	.625/	.625/	.625/1.12	.625/	.688/		.689/					.750/	.688/	. 750/1	.750/	.688/1.12	•			•			•	.875/	.875/1	.875/1	
	HON	21X11X	21X 8X		21X11X	21×13×	21X12X	21X11X	24x 9x	24×10×	24X11X	24×10×	24x 9x	24×13×	24X14X	24X11X	24×12×	27X 9X	24X16X	27X12X	27X13X	27×11×	30X13X	27×14×	30×11×	27×15×	30x12x	30×16×	27×16×	30×14×	30X10X	33X12X	33×10×	36×10×	33X11X	33X14X	36×10×	36×14×	36×15×	

1.3750 - 1 3/8 in.

1.500 IN. PLATE (AREA= 85.50 SQ.IN.)

:	2 701							.186 .64						313 1.28	1.27 1.27	250 1.65	94-1 052	.313 1.28	.313 1.66	.250 1.65	313 1.47			-	_	.375 1.97	2	2.						14.6 6.41		313 2.95	.313 2.70			313 2.95					375 2.97
•	=	HIOIM										2.00	.00	.00	****	3.00	. 00.4	. 00.4	3.00	4.00	. 00 -4	. 00 -4	5.00 .	3.00	. 00.5	00	:		3.00		3.00	3.00	3.08		3.00	00 -	5.00	5.00	** 00	5.00	5.00	5.00			2000
	MEB									.188		.188	.188	.188	.188	.186	.188	.188	.188	.186	.188	.188	.186	.250	.188	.250	.250	.250	.250	.250	.250	.250	052.	250	250	.250	.250	.250	.250	.250	.250	.250	.250	.250	,
*** BEAN	DEOT	DEPTH	3.19	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	6.44	7.31	6.38	7.44	8.38	9.31		9.44	9.38	10.51	000	10.38	10.31	9.31	8.38	10.38	10.31	9.38	8.44	10.44	10.38	
*******	*00*	AREA	.75	. 88	16.	1.00	1.06	1.19	1.38	1.50	1.56	1.75	1.81	1.88	1.94	5.06	2.13	2.19	2.25	2.31	2.38	2.56	5.69	2.81	2.88	3.00	3.06	3.13	3.19	3.25	3.31	3.38	**	3.50	3.63	3.75	3.81	3.88	***	4.06	4.13	4.19	4.25	6.38	
		-	3.9	6:3	3.9	5.9	6.4	5.9	5.0		6.0	7.0	7.9	6.0	5.9	7.9	6.9	5.9	7.9	7.8	6.9	6.2	6.9	7.0	7.9	6.9		8.9	9.6	8.8	9.0	6.6	10.0		10.8	10.7	8.6	8.8	10.8	10.7	9.6	8.9	10.8	10.7	
	5	4	•	•		•				8.	••		6.		6.	6.	6.	6.	6.	6.	6.	6.	6.	6.		6.	1:0	1:0	1:0	1.0		:	-	::			1:1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	
	•	~	••	9.	9.	9.	9.		2.	9.	•	6.	6.			1:0	1:0	6.		1:1	1.0	1.2	1.1	1.1	1.3	::	1.2	1.3	1.4	1.4	1:	1.5	1.6	1:	1	1	1.6	1.5	1.8	1.8	1.7	1.6	1.9	1.9	
		INERTIA	23.7	29.5	26.5	36.5	33.4	42.9	37.5	33.4	49.1	64.3	75.0	68.6	61.5	90.0	81.3	70.3	101.7	105.0	93.1	120.3	107.4	102.8	139.4	110.8	134.3	157.7	180.3	166.3	172.2	198.5	9-422	165.5	246.4	259.5	238.2	214.3	288.7	294.0	268.3	238.3	317.6	330.4	
	MODULUS	ZFL	6.1	0.9	9.9	2.9	8.9	7.3	7.5	8.3	8.2	9.2	9.5	10.1	10.4	11.4	11.8	11.8	12.9	13.4	13.5	15.3	15.6	14.6	17.7	15.9	16.8	17.7	18.4	18.8	19.5	20.1	20.02	200	22.7	24.1	24.4	24.3	26.8	27.5	27.4	9	29.4	30.8	
	SECTION	747	30.6	37.1	33.8	45.7	41.9	. 52.8	46.4	41.4	59.3	75.8	67.3	20.6	72.1	102.2	92.7	80.9	113.3	116.3	103.8	130.0	116.7		146.2	119.0	141.1	162.4	185.5	169.2	174.0	196.8	218.7	104.6	234.7	243.9	225.7	205.2	263.9	267.2	246.1	221.7	282.6	290.2	
		MIVET	2.55	5.99	3.20	3.40	3.60	4.05	4.69	5.10	5.30	5.95	6.15	6.39	6.60	7.00	7.24	*	9	7.85		-	7	2		2	-	10.64	10.85	11.05	11.25	11.49	11.70	11.90	12.34	12.75	12.95	13.19	13.60	13.80	14.04	14.25	14.45	14.89	
													.250T	.313T	.250T	.250T																		1024			3	.37	•	.31	.37	.43	.43	.37	
		INAL						.125/					-	-		.188/																				.250/									
	101	2										6x 2x		5x 3x																				× × ×		10X 4X		8x 5x	×	XS X01	X6		×		

1.500 IN. PLATE (AREA= 85.50 SQ.IN.)

• '	K AREA	_	2	2	15 2.72	18 2.49	2	18 2.74	2	16 4.35	18 2.49	18 2.99	59 4.37	18 2.74	3	11 4.39		6																											
LANGE	THICH	.43	1543	.37	.37	.43	.37		1 .563	1040	543	.43	94.	43	04.	1 .531	643	94.	04.	1 .531	94.	34.	1 .531	694.	34.	.53	.531			33	656														
4	MIDTH	9-00	5.00	9.00	7.00	7.00	7.00	7.00	00-7	6.9	8.00	7.00	4.00	8.00	5.00	4.0	0.00	5.00	6.00	5.00	6.00	7.00	6.00	7.00	00-7	7.00	7.00				5.00	5.00	2000	**************************************	W * W * W W	7 2 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7 0 0 7 0 0 0 7 0 0 V	0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000000000000000000000000000000000000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MES	THICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	.313		.375		.375	375	375	375	375	375 . 313 . 375 . 375 . 375 . 375 . 375 . 375 . 375	375 . 375 . 375 . 375 . 375 . 375 . 375 . 375 . 375 . 375 . 375 . 375	22	272 272 272 272 272 272 272 272 272 272						**************************************
BEAY	DEPTH	8.44	10.44	10.38	9.38	8.44	10.38	9.44	10.56	12.41	8.44	10.44	12.47	9.44	12.41	12.53	10.44	12.47	12.41	12.53	12.47	12.41	12.53	12.47	14.47	14.53	12.53	15.47	14.59	000077	14.66	14.66	14.66	14.66 14.53 12.53	14.66 14.53 12.53 14.53	14.66 14.53 14.53 14.66	14.66 14.53 14.53 14.53 14.56 17.56	117.533	114-50 114-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-50 14-5	115.53 115.53 115.54 115.54 115.54 115.54 115.54	116.53 116.53 116.53 116.53 116.53 116.53	115.55 115.55 115.55 115.55 115.55 115.55 115.55 115.55 115.55	111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111. 111.	11111111111111111111111111111111111111	0.000000000000000000000000000000000000
	AREA	4.63	69.4	4.75	4.88	2.06		5.31	5.38	5.38	5.50	5.56	5.63	5.75	5.78	5.88	6.00	60.9	6.19	6.41	95.9	65.9	96.9	7.03	7.13	7.38	7.47	1.50	7 20	0		7.98	7.91	7.9 7.9 8.00 14.00 44.00	7.00 7.91 8.00 8.44	7.91 7.91 8.5.91 8.5.34 6.53	7.00 7.00 8.00 8.00 8.00 8.00 8.00 8.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	7	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	99999999940999999999999999999999999999	00000000000000000000000000000000000000	00000000000000000000000000000000000000	90000000000000000000000000000000000000
	4	8.8	10.6	10.7	2.6	8.8	10.7	4.6	10.8	12.6	6.7	10.7	12.7	9.7	12.6	12.7	10.6	12.6	12.5	12.6	12.5	12.5	12.6	12.5	14.5	14.5	12.5	16.4	14.5	0.27		14.6		12.4			115.4 12.4 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14								
	Y	1:1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5		1.6		1.6	1.6												
	œ	1.7	2.0	2.0	1.9	1.8	2.1	2.0	2.1	2.3	1.9	2.3	5.4	2.1	5.4	5.5	2.4	5.5	5.6	5.6	2.7	2.7	2.8	2.8	5.9	3.0	5.9	6.2	3.0	3.2		3.2	3.2	3.1.2	3.1.2	M M M M M	33333			**************************************	**************************************	**************************************		**************************************	**************************************
	INERTIA	270.8	366.9	372.0	336.5	302.8	413.6	377.7	399.3	491.7	334.7	462.3	521.5	417.0	543.5	561.9	509.8	593.1	605.4	643.4	664.2	667.4	724.0	735.3	787.0	633.5	803.7	602.0	2.260	945.0		340.	882.6	882.6	053	882.6 1053.4 1076.9 1067.5	1053.4 1053.4 1076.9 1067.5	1053.4 1053.4 1067.5 1067.5	946.7 1053.4 1076.9 1067.5 950.1 1129.4	1053.4 1053.4 1075.9 1067.5 1129.4 1156.7	1053.4 1053.4 1076.9 1067.5 1067.5 1129.4 1156.7 1159.1	9682.6 1053.6 1057.5 1067.5 1129.4 1159.4 1159.4 1159.4	9466.7 1057.5 1057.5 1067.5 1159.4 1159.4 1159.1 1159.1	1058.5 1058.5 1058.5 1057.5 1156.1 1156.1 1156.1 1156.6 1205.6	1056.0 1156.1 1156.1 1156.1 1156.1 1156.1 1156.1 1156.1 1156.1
MODULUS	ZFL	30.7	34.1	34.8		34.5	38.8	38.8	36.8	38.1	38.3	43.4	41.1	43.1	43.2	44.2	48.0	47.0	48.3	51.0	52.9	53.5	57.7	6.85	24.4	6.15	94.4	0.00	6110	6 . 4 9		020	71.1	71.1	71.1	74.5	74.5	74.5	74.5	74.5	77.5.3.1.5	441167446119 441167446119	444 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00 00 00 00 00 00 00 00 00 00 00 00 00	6 0 5 1 5 4 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
SECTION	742	545.5	312.0	314.7	287.8	261.5	337.4	310.6	327.0	362.0	279.1	362.2	402.5	330.5	413.1	452.4	384.4	436.6	441.8	458.9	467.3	4.68.4	491.5	495.5	257.2	548.0	520.9	1.136	507.2	587.0		2010	547.4	547.4	547.4 622.1 630.2	547.4 622.1 630.2 626.0	547.4 622.1 630.2 626.0	547.4 622.1 630.2 671.2	547.4 622.1 630.2 626.0 571.2 645.5	547.4 622.1 630.2 626.0 571.2 645.5 652.9	547.4 630.2 630.2 571.2 645.5 652.9 653.1	547.4 6526.1 6526.0 6526.0 652.9 665.3	6526.0 6526.0 6526.0 6526.0 652.9 653.1	6577.9 6877.9 6877.9 6877.9	75.55 65.75 65.75 65.75 65.75 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75.95 75
	-	15.74	-	-	-	-	-	-	-		-	18.90	-	19.55	19.65	19.99	20.40	20.71	21.05	21.79	22.30	22.41	23.50	23.90	24.24	52.09	25.40	25.50	24.45	26.79	36 90	20.03													2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	~	.438T	.4301	.3751	.375T	.4381	.3751	.4381	.563T	1904.	.438T	.4367	1694·	.4381	1904.	. 5311	.438T	1694.	1904·	.531F	T694.	1904.	. 5317	1694.	1694.	.531T	. 5317		1966.	. 6567		.5311	.5311	.5311 .5311	.5317 .5317 .5317 .6567	.5311 .5311 .5311 .6561	.5311 .5311 .6561 .4691	.5311 .5311 .6561 .6561 .5311	.5311 .5311 .6561 .6561 .5311	.5311 .5311 .6561 .6561 .5311 .5311	. 5311 . 5311 . 5311 . 5311 . 5311 . 5311	5311 55311 55311 5561 5661 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311 57311	5311 55311 6561 6561 5311 5311 6561 6561	.5311 .5311 .5311 .5311 .5311 .5311 .5311 .5311	.5311 .5311 .5311 .5311 .5311 .5311 .5311 .5311
	-	.250	•	•	•	•	•	1052.	.313/	.313/	.250/	.250/	.313/	1052.	.313/	. 313/	.250/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.375/	.313/	. 313	1757	375/		.375/	.375/	313/	313/	313/	313/ 313/ 375/ 375/ 315/	313/ 313/ 375/ 375/ 313/	315/	313/5/313/5/313/5/313/5/313/5/	313/5/13/5/13/5/13/5/13/5/13/5/13/5/13/	3137	313/ 313/ 313/ 313/ 313/ 313/ 313/ 313/	3137 3137 3137 3137 3137 3137 3137 3137	31 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	~													X9 X6																			4x 5x 2x 8x								-				

1.500 IN. PLATE (AREA= 65.50 SQ.IN.)

	SHEAK	AREA	6.03	6.01	7.90	7.95	82.5	90.9	7.92	6.01	7.98	6.03	7.95	8.77	6.63	6.03	7.98	8.80	99.9	7.92	7.90	6.03	9.90	8.77	8.86	7.90	7.92	8.83	9. 90	8.77	7.92	8.83	7.92			7.98	7.95		7.98	8.83	11.57	8.83	11.60				
:	1					•656			*65.	.531	.719	*65*	•656	.531	•656	*65*	.719	*65.	.719	*65*	.531	*65.	.594	.531	.719	.531	.594	•656	• 656	.531	.594	• 656	• 594	• 656	9690	710	.656	.656	.719	.656	.625	.656	.688	.750	.629	.750	
* ;	FLA	HIDIM	8.00	9.00	6.00	5.00	10.00	8.00	6.00	10.00	2.00	9.00	6.00	6.00	2.00	10.00	6.00	6.00	2.00	8.00	9.00	11.00	7.00	8.00	6.00	10.00	9.00	7.00	11.00	9- 90	10-00	8.00	11.00	10.00		10.00	11.00	10-00	11.00	11.00	8.00	12.00	8.00	8.00	10.00	9.00	
10	MEB	THICK	.375	.375	.438	.438	.375	.375	.438	.375	.438	.375	.438	.438	.438	.375	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.375	.438	. 438	. 438	.438	. 450	450	424	639	. 438	.438	.438	.500	. 438	. 500	.500	.500	.500	
*** BEA		DEPTH	14.59	14.53	16.53	16.66	12.59	14.66	16.59	14.53	16.72	14.59	8	18.53	18.66	14.59	16.72	18.59	18.72	16.59	16.53	14.59	18.59	18.53	18.72	16.53	.5	18.66	14.66	18.53	16.59	18.66	16.59	16.66	10.00	16.72	16.66	18.66	16.72	18.66		18.66	9	21.75	21.63		
*******											10.59	10.59		11.06		11.19	11.31			11.75					12.19	12.31	12.34	15.47	12.47	15.66	15.94	13.13	13.53	13.56	13.70	14.10	14.22	16.66	14.91	0	S	15.75	0	16.50	16.75	N	
		4	14.2	14.1	16.1	16.2	12.2	14.2	16.1	14.0	16.2	14.1	16.1	17.9	18.0	14.0	16.1	17.8	18.0	15.9	15.8	13.9	17.7		17.8	15.7	15.8	17.7	13.9	17.6	15.7	17.6	15.6		17.57			17.4		17.3	20.1	17.2	20.1	20.0	19.9	19.9	
		YP	1.9	1.9	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	5.4	5.4	2.3	2.3	5.4	2.3	5.5	5.4	5.5	5.5	6.0		2	2.6	2.8	2.7	5.9	3.0	3.0	3.1	3.2	3.3	3.4	tn.
		œ	3.8	3.8	3.9	4.8	3.5	3.9	4.1	3.9	4.1	3.9	4.2	4.5	4.5	4.1	4.3	4.6	4.6	4.4	4.4	4.2	8.4	6.4	4.8	4.5	4.5	6.4	6.3	2.0	4.7	5.1			2.4	2.5	2.0	5.4	5.1	5.6	6.0	5.7	6.2	6.3	9.4	6.5	- 1 1/2
		ERTI	361	1362.1	1486.0	1515.1	1164.5	1460.4	1581.9	1462.8	1597.2	1474.0	1679.4	1934.2	1970.3	1586.4	1776.1	2055.4	2071.1	1872.8	1875.4	1698.6	2235.3	2261.0	2232.7	2005.1	2016.2	2365.7		2420.2	2159.7	2571.2	2297.1		2.0012	2467.1	2466.3	2958.2	2630.6	3146.6			3851.0	2.6404	4130.3	4341.1	1.5000
	MODOLUS	ZFL	96.1	9.96	92.5	93.6	95.3	103.1	98.4	104.3	98.6	104.7	104.5	-	109.7	113.4	110.5	115.2	115.3	117.9	118.6	122.1	126.0	128.0	128.5	127.5	127.7	133.4	131.8	137.7	137.7	146.0	147.3	141.0	12001	157.0	158.5	170.1	169.6	182.1	181.4	36	91	02	207.8	218.2	
	SECTION	ZPL	707.5	6.907	759.1	767.3	621.4	730.9	783.2	730.2	787.8	733.4	806.3	690.3	8.868	757.3	823.0	916.4	920.5	846.7	9.948	779.5	951.8	956.0	963.4	871.6	874.2	0.416	803.9	984.3	899.5	1010.5	921.8	965.1	1040.7	2.040	948.2	1067.4	971.7	1091.9	1211.4	1114.2	1237.7	1261.9	1269.5	1294.4	
		L	0	-	9	9	5	-	3	9	0	-	~	37.60	9		38.45								41.45																				26.95		
		1 ZE	1965.	.531T	.531T	. 6567	1965.	.656T	1465.	.5311	.719T	1965.	.656T	.531T	.656T	1465.	1617.	1965.	.719F	1965.	.531T	1965.	1965.	.531T	.719T	.5311	1965.	.556T	.6561	.531F	1465.	.656T	1965	1929	594T	::	1959	65	71	69	.625T	.656T	58	.750T	· 62 5T	.750T	
				.375/	.438/	.438/	.375/	.375/	.438/	.375/	.438/	.375/	.438/	.438/	.438/	.375/	.438/	.438/	.438/	.438/	.438/	.375/	1884	.438/	1984	.438/	.438/	.438/	.375/	.438/	.438/	.438/	438/	.4367	1004	478/	438/	3	.438/	.438/	1005-	.438/	1005.	.5007	.5007	2007	
																									18X 6X																				21X10X	21x 9x	

1.500 IN. PLATE (AREA: 85.50 SQ.IN.)

HERMINAL SIZE  HIVE SCUITON HOUGHUS  11									******	*** BEAN			*******	
WILLIAM   Color   Co			SECTION		S						MEB	FL	INSE	SHEAR
59. 10 1375.6 224.0 4652.7 6.5 34 19.6 17.38 5.16.3 5.50 116.00 6.75 61.20 1377.6 223.0 1377.6 6.5 34 19.6 17.38 121.6 5.50 110.0 6.85 61.40 1322.6 224.0 4652.7 6.7 3.5 19.4 12.6 5 5.60 13.0 12.0 6.86 66.10 1323.4 255.5 4652.7 6.7 3.5 19.4 12.6 5 5.00 13.0 12.0 6.86 66.10 1324.2 255.5 4652.7 6.7 3.6 19.4 12.6 5 5.00 13.0 12.0 6.86 66.10 1325.2 254.5 54.5 54.5 54.5 55.0 13.0 6.86 66.10 13.0 5.6 5 5.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	SIZE	MT/FT	ZPL	ZFL	INERTIA	ď	YP	46	AREA	DEPTH	THICK	HIDIN	THICK	AREA
9.9 50 1307-0         223.0         4453.7         6.6         3.4         20.0 17.50         21.06         5.00         10.00         21.75         5.00         10.00         5.00         10.00         5.00         10.00         5.00         10.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         10.00         5.00         5.00         11.00         5.00         5.00         11.00         5.00         5.00         11.00         5.00         5.00         11.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00 <td></td> <td></td> <td>1295.8</td> <td>221.3</td> <td>4371.4</td> <td>6.5</td> <td>3.4</td> <td>19.6</td> <td>17.38</td> <td>21.63</td> <td>.500</td> <td>11.00</td> <td>.625</td> <td>11.57</td>			1295.8	221.3	4371.4	6.5	3.4	19.6	17.38	21.63	.500	11.00	.625	11.57
61.20 1322.6 234.0 4622.3 6.7 3.5 19.6 13.0 21.75 5.50 10.00 7.50 66.10 13021.4 235.5 245.5 4536.7 7.0 3.6 19.7 13.0 6.6 50 10.00 750 66.10 13021.4 235.5 24.5 5.6 4.9 5478.7 7.0 3.6 19.5 20.13 21.00 50 11.00 750 66.4 1395.3 2.6 55 5.0 5.0 11.00 750 66.4 1395.3 2.6 5.5 5.0 5.0 11.00 750 66.4 1395.3 2.6 5.5 5.0 5.0 11.00 750 66.4 1395.3 2.6 5.5 5.0 11.00 750 75.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1			1307.8	223.0	4453.7	9.9	3.4	20.0	17.50	21.88	.500	8.00	.675	11.69
66.14 1323.4 235.5 6456.7 6.7 3.5 19.7 13.6 12.69 .500 11.0 668 66.10 1379.4 264.9 5147.2 7.0 3.6 19.4 19.44 21.69 .500 11.0 0 668 66.10 1379.4 264.9 5147.2 7.0 3.6 19.4 19.44 21.69 .500 11.0 0 675 7.2 3.9 19.5 19.6 11.6 6.5 10 12.0 0 750 7.5 15.6 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5			1322.6	234.0	4622.3	6.7	3.5	19.8	18.00	21.75	.500	10.00	.750	11.63
66.10 1369-5 264-9 5147-2 7.0 3.0 194 19.44 2169 .500 13.00 .668 66.44 1375.2 265-9 5176.7 7.0 3.0 194 19.44 2169 .500 13.00 .675 66.44 1375.3 278-5 7.2 3.0 19.5 20.13 21.00 .575 17.0 19.0 175 17.0 19.0 19.5 20.13 21.00 .575 17.0 19.0 19.0 175 17.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19		61.	1323.4	235.5	4636.7	6.7	3.5	19.7	18.06	21.69	.500	11.00	.688	11.60
66.38 1373.1 266.9 5178.7 7.0 3.0 19.5 19.5 12.75 5.00 12.00 775 66.8 64.4 1395.3 272.5 5272.5 7.6 3.1 22.1 21.75 24.75 625 10.00 775 76.50 1514.6 521.5 7.6 4.3 22.0 22.75 62.5 10.00 775 76.50 1514.6 521.5 7.6 4.3 22.0 22.75 62.5 10.00 775 76.50 1514.6 521.5 7.6 4.3 22.0 22.75 62.5 10.00 775 76.50 1514.6 521.5 7.6 4.3 21.0 22.1 21.75 6.00 1.00 775 76.50 1514.6 521.5 7.6 4.3 21.00 62.75 62.0 10.00 775 76.50 1514.6 521.5 775 6.0 1.00 775 76.50 1514.6 521.5 7.6 6.0 1.00 775 76.50 1514.6 521.5 775 6.0 1.00 775 776 776 776 776 776 776 776 776 776			1369.5	264.9	5147.2	7.0	3.8	19.4	19.44	21.69	.500	13.00	.688	11.60
66.44         1395.3         277.5         5428.5         7.2         3.9         19.5         21.1         21.1         6.0         4.1         1395.3         278.5         5428.5         7.6         4.1         22.1         22.5         24.75         6.25         10.00         750           76.50         1554.6         299.2         6.2         12.9         25.75         6.25         10.00         750           80.75         1568.0         31.0         9.0         19.5         10.00         6.25         10.00         750           80.75         1568.0         32.1         10.0         4.6         21.9         23.75         6.25         10.00         750           80.75         1663.2         359.6         7.6         7.0         21.2         25.13         6.25         10.0         750           92.6         1663.2         31.0         8.6         5.0         21.4         25.13         6.25         13.00         17.5           95.6         1667.2         31.0         8.6         5.0         21.4         25.13         6.25         13.00         17.5           95.6         166.0         4.0         21.0         25.1 <t< td=""><td></td><td>66.30</td><td>1373</td><td>265.9</td><td>5178.7</td><td>7.0</td><td>3.8</td><td>19.5</td><td>19.50</td><td>21.75</td><td>.500</td><td>12.00</td><td>.750</td><td>11.63</td></t<>		66.30	1373	265.9	5178.7	7.0	3.8	19.5	19.50	21.75	.500	12.00	.750	11.63
73.95 1512.1 201.1 6221.5 7.6 4.1 22.1 21.75 6.67 6.62 9.00 .750  79.05 1560.0 317.0 6521.6 7.8 4.3 22.2 22.5 24.75 6.62 11.00  79.05 1560.0 317.0 6521.6 0.1 4.5 21.9 23.75 24.75 6.62 11.00  80.75 1560.0 317.0 6521.6 0.1 4.5 21.9 23.75 24.86 6.62 11.00  80.75 1560.0 317.0 6521.5 0.1 4.5 21.9 23.75 24.86 6.62 11.00  80.75 1560.0 317.0 6521.5 0.1 4.5 21.9 23.75 24.86 6.62 11.00  90.69 1663.2 390.9 6349.4 0.6 5.2 21.2 27.2 27.2 24.80 6.62 11.00  90.69 1663.2 390.9 1330.4 0.6 5.2 21.2 27.2 27.3 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.2 21.4 27.3 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.2 21.4 27.3 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 25.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 22.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 22.13 6.62 11.00  90.60 1720.5 4410.2 9333.5 9.0 5.6 22.1 28.69 22.13 6.60 11.25  116.60 1921.6 491.2 11592.1 10.1 6.9 2.7 29.06 27.80 6.68 12.00  116.60 1921.6 491.2 11592.1 10.0 6.0 23.6 30.9 6.83 13.0 0.0 11.25  116.60 1921.6 491.2 11592.1 10.0 6.0 23.6 30.9 6.83 13.0 0.0 11.25  116.60 1921.6 491.2 11592.1 10.0 6.0 23.6 30.9 6.83 13.0 0.0 11.25  116.60 1921.6 491.2 11592.1 10.9 6.7 25.7 33.80 75.1 3.00 11.25  116.60 1921.6 691.8 13890.1 10.7 6.9 22.7 35.40 20.13 6.00 11.00 11.125  116.60 1921.6 691.8 13890.1 10.7 6.9 22.7 35.40 20.13 6.00 11.00 11.125  116.60 1921.6 691.8 13890.1 10.7 6.9 22.7 35.40 20.13 6.00 11.25  116.60 1921.6 691.8 13890.1 10.7 6.9 22.7 35.40 20.13 6.00 11.00 11.125  116.60 1921.6 691.8 12.8 12.8 12.8 12.8 12.8 12.0 12.0 11.0 10.1 11.125  116.60 1921.6 10.0 12.0 11.2 12.8 12.8 12.8 12.8 12.8 12.8 12.0 11.0 10.1 11.125  116.60 1921.6 10.0 12.0 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8			~	278.5	5428.5	7.2	3.9	19.5	20.13	21.88	.500	11.00	.875	11.69
76.50 1544.6 299.2 6577.5 7.8 4.3 22.0 22.50 24.75 .625 10.00 .750 1541.6 299.2 6577.5 7.8 4.3 22.0 22.55 24.75 .625 10.00 .750 15.4 16.37.2 359.6 7651.5 8.1 4.6 21.8 23.75 24.8 .625 10.00 .750 15.4 16.37.2 359.6 7651.5 8.1 4.6 21.8 23.75 24.8 .625 10.00 .750 15.4 16.37.2 359.6 7651.5 8.4 4.6 21.8 23.73 24.8 .625 10.00 .750 15.6 6.1 12.9 12.5 12.4 27.3 24.8 .625 13.0 11.125 15.6 141.9 10.00 15.2 27.2 27.2 27.2 24.8 .625 13.0 11.125 15.6 141.2 10.0 17.2 2.6 11.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.6 11.4 10.0 17.2 2.7 2 2.6 11.4 10.0 17.2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7 2 2.7			1512	281.1	6221.5	7.6	4.1	22.1	21.75	24.75	.625	9.00	.750	16.41
79.05 1560.0 317.0 6921.6 8.0 4.4 21.8 23.25 24.75 .625 11.00 .750 85.44 1637.2 359.6 775.6 8.1 4.5 21.9 23.75 24.88 .625 10.00 .875 95.44 1637.2 359.6 83.40 8.62 10.00 .875 95.45 86.52 30.9 83.49.4 1637.2 359.6 41.2 67.2 55.13 24.88 .625 13.00 .875 95.65 1640.2 33.0.9 83.49.4 1637.2 25.13 6.2 21.4 26.3 24.88 .625 14.00 .875 95.89 10.00 .875 95.89 10.00 .875 95.89 10.00 .875 95.90 1720.5 440.2 9333.5 9.0 21.4 26.2 27.2 26.5 26.13 .625 11.00 .875 95.90 1720.5 440.2 9333.5 9.0 21.4 26.2 27.3 25.13 .625 11.00 .875 95.90 1720.5 440.2 9333.5 9.0 21.4 26.2 27.8 25.13 .625 12.00 11.125 95.8 10.00 1720.2 43.1 10.017.5 9.0 5.6 24.1 28.6 9 28.1 3 .625 12.00 11.2 99.8 10 10.05.2 43.1 10.017.5 9.6 24.1 28.6 9 28.1 3 .625 12.00 11.2 99.8 10.00 10.0 10.0 10.0 10.0 10.0 10.0 1			100	299.2	6577.5	7.8	4.3	22.0	22.50	24.75	.625	10.00	.750	16.41
80.75 1588.0 328.1 7173.6 8.1 4.5 21.9 23.75 24.88 .625 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 19.65 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .875 10.00 .87			100	317.0	6921.6	8.0	4.4	21.8	23.25	24.75	.625	11.00	.750	16.41
95.44 1637.2 359.6 7861.5 9.4 4.0 21.0 25.13 25.13 .625 13.00 1.125 99.69 15.4 1637.2 359.6 7861.5 9.4 18.6 5.0 21.2 27.25 24.8 6.655 13.01 .075 92.65 1684.6 411.9 0730.4 8.6 5.0 21.2 27.25 21.3 6.25 11.00 1.125 92.09 1520.5 413.4 0651.7 8.9 5.2 21.2 27.25 25.13 .625 11.00 1.125 92.90 1720.5 413.4 0651.7 8.9 5.2 21.2 28.50 25.13 .625 11.00 1.125 97.55 1059.2 431.0 1037.6 9.0 5.2 21.2 28.50 25.13 .625 12.0 11.125 97.55 1059.2 431.0 1037.6 9.0 5.2 21.2 28.50 25.13 .625 12.0 11.125 97.55 1059.2 431.0 1037.6 9.1 5.5 5.0 5.0 5.0 5.1 3 .625 12.0 11.125 98.80 1720.5 451.5 94.70 2 9.1 5.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0			~	328.1	7173.6	8.1	4.5	21.9	23.75	24.88	.625	10-00	.875	16.49
99.69 1663.2 390.9 6349.4 6.6 5.0 21.4 26.36 24.86 .625 13.00 .675 93.09 6.69.6 411.9 6731.4 611.9 673.0 22.4 27.36 25.13 625 14.00 1.125 93.09 1695.6 413.4 6611.7 6.1 6.9 5.2 21.4 27.36 25.13 625 14.00 1.125 96.90 1720.5 441.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2 641.2	5/1-125F			359.6	7851.5	8.4	4.8	21.8	25.13	25.13	.625	9.00	1.125	16.64
92.65 1664.6 413.4 8051.7 8.9 5.2 21.2 27.25 24.86 .625 14.00 .675 93.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91	157 6. 12T		11/21/2	390.9	8349.4	8.6	5.0	21.4	26.38	24.88	.625	13.00	.875	16.49
93.09 1695.6         413.4         0651.7         0.9         5.2         21.4         27.35         625         11.00         14.25           96.90 1720.5         440.2         9333.5         9.0         5.6         22.1         28.50         25.13         .625         12.00         14.25           97.55 1659.2         431.0         1036.6         9.5         6.0         20.0         28.13         .625         12.00         9.0           96.60 1722.2         453.5         10517.5         9.6         23.7         29.06         27.06         .680         12.00         .875           105.20 1921.6         491.2         105.6         23.6         23.6         23.6         27.06         .680         12.00         .875           116.20 194.9         56.2         10.0         6.0         23.6         23.6         27.06         .680         12.00         .875           116.5         10.0         6.0         25.7         29.06         25.7         29.06         11.00         .875           116.5         10.0         6.0         23.6         23.6         23.6         27.06         .680         11.25           116.5         10.0         10.0	157 . 8751		-	411.9	6730.4	8.8	5.5	21.2	27.25	24.88	.625	14.00	.875	16.49
96.90 1720.5 \$460.2 9333.5 9.0 \$54 21.2 26.50 25.13 .625 12.00 1.125 97.55 1859.2 \$431.0 10367.6 9.5 5.6 27.1 28.69 28.13 .686 9.00 1.125 98.60 1863.7 \$453.1 10547.5 9.6 5.6 23.7 29.06 27.88 .688 12.00 .875 101.80 1866.2 \$466.5 10989.8 9.6 5.6 23.7 29.06 27.88 .688 12.00 .875 105.20 1921.6 \$491.2 11592.1 10.0 6.0 23.6 30.94 27.89 .688 11.00 .875 115.29 2147.6 \$50.4 13321.8 10.0 6.7 25.7 33.88 30.88 .750 13.00 .875 116.59 2147.6 \$77.3 14846.3 11.1 6.9 25.7 34.88 31.13 .750 11.00 1.125 118.59 2147.6 \$77.3 14846.3 11.1 6.9 25.7 34.88 31.13 .750 11.00 1.125 122.40 216.2 610.8 13390.1 10.7 6.9 22.7 35.48 31.13 .750 11.00 1.125 124.10 2180.7 627.2 15773.2 11.4 7.6 22.7 35.44 28.13 .688 15.00 1.125 124.10 2180.7 627.2 1626.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 136.00 2188.4 657.3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 10.00 1.125 144.09 2420.1 732.0 20165.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 144.09 2420.1 732.0 20165.0 12.5 8.3 27.5 42.03 34.38 .875 10.00 1.375 145.56 2450.7 796.7 21539.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.375 159.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.3 .875 11.00 1.375 157.55 2761.5 1012.4 28657.9 14.6 10.4 28.5 50.75 37.3 .875 11.00 1.375 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.3 .875 11.00 1.375 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.3 .875 11.00 1.375 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.3 .875 11.00 1.375 158.50 2845.5 11.2 11.2 11.0 28.0 54.0 10 37.50 .875 11.00 1.375	15/11-1257	93.09		413.4	8851.7	6.9	5.5	21.4	27.38	25.13	.625	11.00	1.125	16.64
97.55 1059.2 431.0 10367.6 9.5 5.6 24.1 28.69 28.13 .500 9.00 875 98.60 1022.2 453.5 9470.2 9.1 5.5 20.9 29.00 24.08 .625 16.00 .875 98.80 1063.7 443.1 10517.5 9.6 5.6 23.7 29.06 27.88 .668 12.00 .875 101.80 1068.2 466.5 10989.8 9.6 5.6 23.6 29.94 27.08 .688 12.00 .875 105.20 1921.6 491.2 11592.1 10.0 6.0 23.6 29.94 27.08 .688 13.00 .875 116.59 1994.9 560.2 14134.4 10.9 6.7 25.7 33.8 30.08 .750 13.00 .875 116.55 1994.9 560.4 13321.8 10.5 6.7 25.7 33.8 30.08 .750 13.00 .875 116.55 1994.9 560.4 13321.8 10.5 6.7 25.7 35.4 26.13 .688 14.00 1.125 1125.4 116.55 1994.9 560.4 13321.8 10.7 6.9 22.7 35.4 26.13 .688 14.00 1.125 1122.40 2176.7 610.5 15557.0 11.3 7.1 22.5 36.00 31.13 .750 12.00 1.125 124.10 2186.4 645.3 16904.0 17.2 25.1 36.50 20.88 .750 14.00 1.125 130.05 2227.3 676.2 16.00 31.13 .750 14.00 1.125 130.05 2227.3 676.2 16904.0 12.5 8.3 27.4 42.38 34.13 .750 14.00 1.125 144.94 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.13 .875 10.00 1.125 144.94 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.13 .875 10.00 1.125 144.94 2406.7 796.7 2165.0 12.8 8.7 26.9 44.63 34.13 .875 10.00 1.125 144.94 24.60 7 796.7 2165.0 12.8 8.7 26.9 44.63 34.13 .875 11.00 1.375 150.10 20.9 064.6 25517.7 13.9 9.5 29.5 46.50 37.30 .875 11.00 1.375 150.10 1.225 150.10 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.00 1.225 11.0	15/1-1257		•	440.2	9333.5	9.0	5.4	21.2	28.50	25.13	.625	12.00	1.125	16.64
98.80 1863.7 443.5 9470.2 9.1 5.5 20.9 29.00 24.88 .625 16.00 .875 101.001 1863.7 443.1 10517.5 9.6 5.6 5.6 23.7 29.06 27.86 .688 12.00 .875 101.001 1863.7 443.1 10517.5 9.6 5.6 5.6 30.94 26.13 .680 11.00 .875 115.19 221.2 11592.1 11592.1 110.9 6.7 23.6 30.94 26.13 .680 11.00 .875 116.65 1994.9 560.2 14134.4 10.9 6.7 25.7 33.88 31.13 .750 11.00 1.125 116.5 1994.9 560.4 13321.8 10.5 6.7 25.7 33.88 31.13 .750 11.00 1.125 1120.5 2147.6 577.3 14846.3 11.1 6.9 22.7 35.44 26.13 .680 14.00 1.125 1120.5 2147.6 577.3 14846.3 11.1 6.9 22.7 35.44 26.13 .680 14.00 1.125 1120.5 2147.6 577.3 14846.3 11.1 6.9 22.7 35.44 26.13 .680 14.00 1.125 120.5 2147.6 577.3 14846.3 11.1 6.9 22.7 35.44 26.13 .680 14.00 1.125 1120.0 1.125 1120.0 2186.4 645.3 15897.0 11.0.7 6.9 22.7 35.44 26.13 .680 15.00 1.125 1120.0 1.125 1120.0 2186.4 645.3 16386.4 11.4 7.2 25.1 36.50 30.88 .750 14.00 1.125 1126.0 2188.4 645.3 16386.4 11.4 7.2 25.1 36.50 23.13 .750 14.00 1.125 144.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	18/11-1257		~	431.0	10367.6	9.6	9.6	24.1	28.69	28.13	. 588	9.00	1-125	20.39
98.80 1863.7 443.1 10517.5 9.6 5.6 23.7 29.06 27.80 .688 12.00 .875 101.80 1868.2 466.5 10989.8 9.6 5.6 23.6 29.94 27.80 .688 13.00 .875 115.20 1921.6 491.2 11592.1 10.0 6.0 23.6 29.94 27.80 .688 13.00 .875 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.20 115.2	1578. 12		-	453.5	9470.2	9.1	5.5	50.9	29.00	24.88	.625	16.00	.875	16.49
1101.80 1866.2 466.5 10989.8 9.6 5.6 23.6 29.94 27.08 .688 13.00 .875 115521 105.20 1951.6 491.2 11592.1 10.0 6.0 23.6 30.94 28.13 .688 11.00 1.125 1156.5 1994.9 581.4 10.9 6.7 25.7 33.88 30.88 .750 13.00 .875 116.65 1994.9 581.4 10.9 6.7 23.0 34.31 28.13 .688 14.00 1.125 116.65 1994.9 581.4 10.9 6.7 23.0 34.31 .688 15.0 11.25 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 116.6 1		98.80	•	443.1	10517.5	9.6	9.6	23.7	29.06	27.88	.688	12.00	.875	20.21
115-20 1921.6 491.2 11592.1 10.0 6.0 23.6 30.94 28.13 .688 11.00 1.125 116.65 1994.9 550.2 14134.4 10.9 6.7 25.7 33.88 30.88 .750 13.00 .875 116.65 1994.9 557.3 1484.4 10.9 6.7 25.7 33.88 30.88 .750 13.00 1.125 116.69 14.00 1.125 120.50 2116.2 610.8 13890.1 10.7 6.9 25.7 35.44 28.13 .688 15.00 1.125 122.40 2176.7 610.5 1557.0 11.3 7.1 25.5 36.00 31.13 .750 12.00 1.125 122.40 2176.7 610.5 1557.0 11.3 7.1 25.5 36.00 31.13 .750 12.00 1.125 122.40 2176.7 610.5 1557.0 11.4 7.2 25.1 36.56 28.13 .688 15.00 1.125 124.10 2186.7 627.2 14430.1 10.9 7.1 22.5 36.20 31.13 .750 14.00 1.125 136.00 2188.4 645.3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 110.00 1.125 144.94 2420.1 732.0 20165.0 12.5 8.3 27.4 42.38 34.13 .875 110.00 1.125 144.94 2420.1 732.0 20165.0 12.5 8.3 27.4 42.38 34.13 .875 110.00 1.125 144.94 2420.1 732.0 20165.0 12.5 8.3 27.4 42.38 34.13 .875 110.00 1.125 145.94 2420.1 732.0 2016.2 14.20 12.5 8.3 27.4 42.38 34.13 .875 110.00 1.125 145.94 2420.1 732.0 2016.0 12.5 8.3 27.4 42.38 34.13 .875 110.00 1.125 145.91 25.81 275 275 275 275 275 275 275 275 275 275		101.80	-	466.5	10989.8	9.6	5.8	23.6	59.34	27.88	.688	13.00	.875	20.21
115.19 2112.0 550.2 14434.4 10.9 6.7 25.7 33.00 30.00 .750 13.00 .075 116.65 1994.9 580.4 13321.8 10.5 6.7 23.0 34.31 26.13 .680 14.00 1.125 118.59 2147.6 577.3 14846.3 11.1 6.9 25.7 34.00 31.13 .750 11.00 1.125 120.50 2016.2 610.5 13890.1 11.0 7 6.9 22.7 34.00 31.13 .750 12.00 1.125 120.50 2016.2 610.5 15890.1 11.0 7 22.7 34.00 31.13 .750 12.00 1.125 124.10 2180.7 627.2 15773.2 11.4 7.2 25.5 36.00 31.00 15.00 1.125 124.30 2035.0 640.2 14430.1 10.9 7.1 22.5 36.00 31.00 15.00 1.125 124.30 2035.0 640.2 14430.1 10.9 7.1 22.5 36.56 20.13 .680 16.00 1.125 130.05 2227.3 676.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.83 .875 11.3 .875 11.00 1.125 144.94 2420.1 732.0 20165.0 12.5 8.3 27.4 42.83 34.13 .875 11.00 1.375 144.94 2420.1 732.0 20165.0 12.5 8.3 27.5 44.03 34.38 .875 11.00 1.375 149.60 2454.2 775.9 2153.1 12.8 8.6 37.0 42.83 34.3 .875 11.00 1.375 150.1 12.2 150.1 12.2 150.1 1.25 150.1 12.2 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.0 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.0 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25 150.1 1.25	18/1-1257	105.20	1921.6	491.2	11592.1	10.0	9.0	23.6	30.94	28.13	.688	11.00	1.125	20.39
116.65 1994.9 580.4 13321.8 10.5 6.7 23.0 34.31 28.13 .688 14.00 1.125 118.59 2147.6 577.3 14846.3 11.1 6.9 25.7 34.48 31.13 .750 11.00 1.125 120.50 2147.6 577.3 14846.3 11.1 10.7 6.9 22.7 35.48 31.13 .750 11.00 1.125 122.40 22176.7 610.6 1390.1 10.7 6.9 22.7 35.48 31.13 .750 12.00 1.125 122.40 22176.7 610.5 1557.0 11.3 7.1 25.5 36.00 31.13 .750 12.00 1.125 124.10 22176.7 610.5 16.573.2 11.4 7.2 25.1 36.50 30.86 .750 15.00 1.125 124.30 235.0 640.2 14430.1 10.9 7.1 22.5 36.56 28.13 .688 16.00 1.125 136.0 640.2 14430.1 10.9 7.1 22.5 36.56 28.13 .688 16.00 1.125 136.0 6227.3 675.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 144.94 64.5 3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 10.00 1.125 144.94 24.20.1 732.0 20165.0 12.5 8.3 27.4 42.38 34.13 .875 10.00 1.375 144.94 24.20.1 732.0 20165.0 12.5 8.3 37.4 42.38 34.38 .875 10.00 1.375 149.60 2454.2 775.9 2153.1 12.8 8.6 37.0 42.75 37.13 .875 10.00 1.375 151.7 2460.7 796.7 21403.5 12.8 8.6 37.0 42.75 37.13 .875 11.00 1.375 151.7 2460.7 796.7 21403.5 12.8 8.6 27.3 44.63 34.3 .875 14.00 1.375 158.10 28.5 27.5 27.5 37.3 8.75 14.00 1.375 158.10 1.375 158.10 1.375 158.10 1.375 158.10 1.375 158.10 1.375 158.10 1.375 158.10 1.375 158.10 1.20 1.375 158.10 1.20 1.375 158.10 1.20 1.375 158.10 1.20 1.375 158.10 1.20 1.375 158.10 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1	167 . 8757	115	2112.8	550.2	14134.4	10.9	6.7	25.7	33.88	30.88	.750	13.00	.875	24.29
118.59 2147.6 577.3 14046.3 11.1 6.9 25.7 34.00 31.13 .750 11.00 1.125 120.50 216.2 610.8 13890.1 10.7 6.9 22.7 35.44 26.13 .686 15.00 1.125 122.40 216.7 610.8 13890.1 10.7 6.9 22.7 35.44 26.13 .686 15.00 1.125 122.40 216.7 610.8 15.50 11.3 7.1 25.5 36.00 31.13 .686 15.00 1.125 124.10 235.0 640.2 14430.1 10.9 7.1 22.5 36.56 26.13 .686 16.00 .875 130.05 2227.3 676.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 136.00 2188.4 645.3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 11.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.38 .875 110.00 1.375 144.96 2450.1 732.0 20165.0 12.5 8.3 27.4 42.33 34.38 .875 110.00 1.375 149.60 2454.2 775.9 21153.1 12.8 8.6 37.0 42.63 34.38 .875 110.00 1.375 149.60 2454.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 110.00 1.375 159.10 28.10 28.5 50.75 37.38 .875 140.00 1.375 159.10 28.5 27.5 40.00 37.30 .875 140.00 1.375 159.10 28.5 27.5 40.00 37.50 .875 140.00 1.375 159.10 1.375 159.10 28.5 27.5 40.00 37.50 .875 140.00 1.375 159.10 28.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27	18/1-1257	116.	1994.9	580.4	13321.8	10.5	6.7	23.0	34.31	28.13	.688	14.00	1.125	20.39
120.50 2016.2 610.8 13890.1 10.7 6.9 22.7 35.44 28.13 .688 15.00 1.125 122.40 2176.7 610.5 1557.0 11.3 7.1 25.5 36.00 31.13 .750 12.00 1.125 124.10 2180.7 627.2 15773.2 11.4 7.2 25.1 36.50 30.88 .750 16.00 .875 124.30 2185.0 640.2 14430.1 10.9 7.1 22.5 36.56 28.13 .688 16.00 1.125 130.05 2227.3 676.2 16926.6 11.4 7.5 25.4 40.00 31.38 .875 14.00 1.125 136.00 2188.4 645.3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 10.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.38 .875 10.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.38 .875 10.00 1.125 145.55 2572.2 775.9 22153.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.125 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 14.00 1.125 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 14.00 1.500 183.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	10/1-125T	118	2147.6	577.3	14846.3	11.1	6.9	25.7	34.88	31.13	.750	11.00	1.125	24.47
122.40 2176.7 610.5 15557.0 11.3 7.1 25.5 36.00 31.13 .750 12.00 1.125 124.10 2186.7 627.2 15773.2 11.4 7.2 25.1 36.50 31.8 .750 15.00 .875 124.10 2180.7 627.2 15773.2 11.4 7.2 25.1 36.50 30.86 .750 16.00 1.125 130.05 2227.3 676.2 144.30.1 11.0 9 7.1 22.5 36.25 28.13 .680 16.00 1.125 130.05 2227.3 676.2 144.30.1 11.4 7.5 25.4 40.00 31.38 .875 10.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.36 34.13 .875 10.00 1.125 144.94 24.20.1 732.0 22165.0 12.5 8.3 27.4 42.35 34.13 .875 10.00 1.125 144.94 24.20.1 732.0 216.30 12.5 8.3 27.5 42.63 34.38 .875 10.00 1.125 145.95 62.2 775.9 216.3 13.2 8.5 77.5 42.63 34.3 .875 10.00 1.25 15.00 1.125 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 15.00 1.25 16.50 1.25 16.50 1.25 17.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5 5 27.5	18/11-1257	120.50	2016.2	610.8	13890-1	10.7	6.9	22.7	35.44	28.13	.688	15.00	1.125	20.39
124.10 2180.7 627.2 15773.2 11.4 7.2 25.1 36.50 30.88 .750 16.00 .875 124.30 2035.0 640.2 14430.1 10.9 7.1 22.5 36.56 28.13 .688 16.00 1.125 130.05 2227.3 676.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 136.00 2188.4 645.3 16386.1 11.4 7.5 25.4 40.00 31.38 .875 11.00 1.375 144.99 24.20.1 732.0 20165.0 12.5 8.3 27.4 42.36 34.38 .875 12.80 1.125 145.35 2572.2 739.6 22169.3 13.2 8.6 30.0 42.75 37.13 .875 10.00 1.125 149.60 2454.2 775.9 2153.1 12.8 8.6 37.0 42.75 37.13 .875 11.00 1.375 151.74 2460.7 796.7 21483.5 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.375 151.74 2460.7 796.7 21483.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 158.10 28.5 27.13 37.38 .875 14.00 1.375 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.25 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 1.375 183.10 183.10 1.375 183.10 183.10 1.375 183.10 183.10 1.375 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.10 183.	10/11-1257	122.40	2176.7	610.5	15557.0	11.3	7.1	25.5	36.00	31.13	.750	12.00	1.125	24.47
124.30 2035.0 640.2 14430.1 10.9 7.1 22.5 36.56 28.13 .600 16.00 1.125 130.05 2227.3 676.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 136.09 2406.9 727.5 16306.1 11.4 7.5 25.4 40.00 31.38 .875 10.00 1.375 144.99 2406.9 727.5 19904.0 12.5 8.3 27.4 42.33 34.13 .875 12.00 1.125 144.94 24.20.1 732.0 20165.0 12.5 8.3 27.5 42.63 34.38 .875 10.00 1.125 145.35 2572.2 739.6 22169.3 13.5 8.6 30.0 42.75 37.13 .875 10.00 1.375 149.60 2454.2 775.9 2153.1 12.8 8.6 27.3 44.00 34.38 .875 10.00 1.375 151.74 2460.7 796.7 21463.5 12.8 8.6 27.3 44.63 34.13 .875 14.00 1.125 158.10 28.5 27.5 45.50 37.38 .875 14.00 1.125 188.10 28.5 27.5 45.50 37.50 .875 14.00 1.375 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6	167 .8751	124.10	2180.7	627.2	15773.2	11.4	7.2	25.1	36.50	30.88	.750	16.00	.875	24.29
130.05 2227.3 676.2 16926.6 11.7 7.6 25.0 38.25 31.13 .750 14.00 1.125 136.00 2188,4 645.3 16386.1 11.4 7.5 25.4 40.00 31.36 .875 10.00 1.375 14.4.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.83 34.13 .875 12.00 1.375 14.4.94 24.20.1 732.0 20165.0 12.5 8.3 27.5 42.63 34.38 .875 10.00 1.375 14.9.60 2454.2 775.9 2153.1 12.8 8.6 37.0 42.83 34.38 .875 10.00 1.375 14.9.60 2454.2 775.9 2153.1 12.8 8.6 27.3 44.00 34.38 .875 10.00 1.375 151.74 2460.7 796.7 21403.5 12.8 8.6 27.3 44.63 34.13 .875 14.00 1.375 158.10 28.5 50.75 37.38 .875 14.00 1.375 172.5 275.5 275.5 10.00 1.375 158.10 28.5 50.75 37.38 .875 14.00 1.375 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6 183.6	18/1-125T	124.30	2035.0	640.2	14430-1	10.9	7.1	22.5	36.56	28.13	.688	16.00	1.125	20.39
136.00 2188,4 645.3 16386.1 11.4 7.5 25.4 40.00 31.36 .875 10.00 1.375 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.36 34.13 .875 12.00 1.125 144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.36 34.13 .875 10.00 1.375 145.35 2572.2 739.6 22189.3 13.2 8.6 30.0 42.75 37.13 .875 10.00 1.125 149.60 2454.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 10.00 1.125 158.17 2460.7 796.7 21693.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 178.17 2460.7 796.5 25517.7 13.9 9.5 29.5 46.50 37.50 .875 14.00 1.125 178.55 2781.5 10.00 1.500 1.500 183.56 2655.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500 1.500	10/11-1257	130.05	2227.3	676.2	16926.6	11.7	1.6	25.0	38.25	31.13	.750	14.00	1.125	24.47
144.09 2406.9 727.5 19904.0 12.5 8.3 27.4 42.38 34.13 .875 12.00 1.125 144.09 24.242.1 372.0 20165.0 12.5 8.3 27.5 42.63 34.38 .875 10.00 1.375 145.35 257.2 739.6 22189.3 13.2 8.6 30.0 42.63 34.38 .875 10.00 1.375 145.35 2557.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.125 151.74 2460.7 798.7 21483.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 14.00 1.500 1.275 17.55 2781.5 10.12.4 28857.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.500 1.375 183.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/1-3751	136.00	2188.4	645.3	16386.1	11.4	7.5	25.4	40.00	31.38	.875	10.00	1.375	28.77
144.94 2420.1 732.0 20165.0 12.5 8.3 27.5 42.63 34.38 .875 10.00 1.375 145.35 2572.2 739.6 22189.3 13.2 8.6 30.0 42.75 37.13 .875 10.00 1.125 149.60 2454.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.375 151.74 2460.7 796.7 21483.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 10.00 1.500 172.55 2761.5 1012.4 28857.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.375 163.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/1-1257	144.09	2406.9	727.5	19904.0	12.5	8.3	27.4	42.38	34.13	.875	12.00	1.125	31.16
149.85 2572.2 739.6 22189.3 13.2 8.6 30.0 42.75 37.13 .875 10.00 1.125 149.60 2454.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.375 151.74 2460.7 796.7 21463.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 158.10 2689.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 10.00 1.500 172.55 2781.5 1012.4 28857.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.375 183.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/1.375T	144.94	2420.1	732.0	20165.0	12.5	8.3	27.5	45.63	34.38	.875	10.00	1.375	31.40
149.60 2454.2 775.9 21153.1 12.8 8.6 27.3 44.00 34.38 .875 11.00 1.375 151.74 2460.7 796.7 21463.5 12.8 8.7 26.9 44.63 34.13 .875 14.00 1.125 159.10 269.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .875 10.00 1.500 172.55 2761.5 1012.4 28657.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.375 183.60 2845.0 1122.1 31304.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/11-125T	145.	2572.2	739.6	22189.3	13.2	9.8	30.0	42.75	37.13	.875	10.00	1.125	33.80
151.74 2460.7 796.7 21403.5 12.6 6.7 26.9 44.63 34.13 .075 14.00 1.125 150.11 2609.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .075 10.00 1.500 172.55 2761.5 1012.4 28657.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.375 163.60 2845.0 1122.1 31304.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/1.3751	149	24545	775.9	21153.1	12.8	8.6	27.3	44.00	34.38	.875	11.00	1.375	31.40
150.10 2609.9 864.6 25517.7 13.9 9.5 29.5 46.50 37.50 .075 10.00 1.500 172.55 2761.5 1012.4 26657.9 14.6 10.4 20.5 50.75 37.38 .075 14.00 1.375 163.60 2845.0 1122.1 31384.1 15.0 11.0 20.0 54.00 37.50 .075 15.00 1.500	5/11.1257	151	2460.7	7.967	21463.5	12.8	8.7	26.9	44.63	34.13	.875	14.00	1.125	31.18
3757 172.55 2761.5 1012.4 26657.9 14.6 10.4 28.5 50.75 37.38 .875 14.00 1.375 5007 163.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500	5/1.500T	158	2689.9	964.6	25517.7	13.9	9.6	29.5	46.50	37.50	.875	10.00	1.500	34.13
5001 163.60 2845.0 1122.1 31384.1 15.0 11.0 28.0 54.00 37.50 .875 15.00 1.500 34	5/1.3751	172.55	2781.5	1012.4	28857.9	14.6	10.4	28.5	50.75	37.38	.875	14.00	1.375	34.02
	18/1.500T	183.60	2845.0	1122.1	31384.1	15.0	11.0	28.0	54.00	37.50	.875	15.00	1.500	36.13
	1		-			1								

	SHEAR	AREA	.62	*1.	-62	.87	.74	-87	1.14	.95	1.33	1.52	1.69	1.33	1.32	1.69	1.50	1.33	1.70	1.69	1.52	1.70	1.52	2.05	1.70	2.03	2.30	2.77	2.52	2.55	2.78	3.02	2.53	2.80	3.03	3.02	22.5	2.03	200	20.00		2.05		2
******			_	.188	.188	.188	.188	.186	.313	.313	.313	.313	.250	.313	.250	.250	.250	.313	.313	.250	.313	.313	.313	.438	.313	.375	.438	* 12.	313	.438	.375	.313	.375	.438	.375	.313		275		177	424	24		5750
	4	HIDIM	2.00	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2-00	3.00	4.00	3.00	4.00	4-00	3.00	4.00	4.00	4.00	5.30	3.00	2.00		200		;	3.00	3.00	3.00		3.00	3.00			9		2.00	200	-		2000
DIMENSIONS		THICK	.125	.125	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.188	052.	952	250	.250	.250	.250	.250	.250	.250	.250	052.		250	250	250	280	250	200	1620
*** BEAN		DEPTH	3.19	4.19	3.19	5.19	4.19	5.19	4.31	3.31	5.31	6.31	7.25	5.31	5.25	7.25	6.25	5.31	7.31	7.25	6.31	7.31	6.31	10.44	7.31	6.38	***	0.3	8.31	8.44	9.38	10.31	8.38	9.46	10.38	10.31	100	10.30	10.31		***	19.4		0000
*******		AREA	.75	.88	16.	1.00	1.06	1.19	1.38	1.50	1.56	1.75	1.81	1.88	1.94	5.06	2.13	2.19	5.52	2.31	2.38	5.56	5.69	2.81	2.88	3.00	2000	3.10	3.25	3.31	3.38	3.44	3.50	3.56	3.63	3.75	10.2	4	4.06		10	4.25	42.4	
		46	4.0	5.0	4.0	6.0	5.0	6.0	5.1	4.1	6.1	7.1	8.0	6.1	6.0	8.0	7.0	6.1	8.1	8.0	7.1	6.1	7.1	7.2	8.0	7.1	2.0	10.0	9.0	9.1	10.1	11.0	9.1	10.1	11:0	10.9	18.0	11.	-	10.0		11.0		
		YP	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	1.0	6.	1.0	1:0	1.0	1:0	1.9	1:0	::	1:0	1:0	1:0	1:0	1:0	::		1.1	1:1	1.1	1:1	1.1	1:1	::	::	::	::						
		œ	9.	9.	9.	.7	9.			9.	.7		6.		•	1.0	6.	6.	1:0	1.0		1:1	1:0	1.0	1.2				1.2	1.3	1.4	1.4	1.3	1:4	1.5	1:5								
		INERTIA	38.0	43.7	41.0	51.3	48.2	58.0	95.6	4.8.4	9.79	60.3	91.3	76.0	77.6	106.9	98.1	86.9	119.1	122.6	110.5	138.5	125.5	120.8	158.5	129.1	155.5	2002	186.3	192.4	219.4	246.0	206.3	238.3	268.6	282.3	7-007	312.6	318.2	202.0	261.4	342.7	255	20000
	HODOLUS	ZFL	9.6	8.7	10.1	8.5	9.6	9.6	10.2	11.7	10.5	11.3	11.4	12.4	12.8	13.3	14.0	14.3	14.8	15.3	15.6	17.2	17.8	16.8	19.7	10.1	0.0	20.0	20.7	21.1	21.8	22.4	22.8	23.6	54.4	22.0	2000	28.4	29.1	20.2	28.8	31.1	12 E	2000
	SECT ION	ZPL	42.5	4.04	45.4	56.3	52.9	65.9	57.1	52.7	69.2	94.6	95.4	80.0	81.5	109.0	101.0	0.06	120.7	123.7	112.0	137.5	125.0	120.6	154.0	127.6	149.1	1001	177.2	182.2	504.9	226.9	192.9	219.4	243.9	253.6	216.4	275.4	279.1	257.9	233.2	296.0	206	0000
		HT/FT	-	-				-	•••					6.39													10.40																	
		SIZE	.188T	1881	.188T	.188T	.188T	.188T	.3131	.3131	.313T	.3131	. 25 OT	.3137	.250T	.250T	.250T	.313T	.313T	.250T	.3131	.313T	.313T	.4381	.3131	.3751	1924	1	3131	.438T	.375T	.3131	.3751	.4381	37	1913	1754	3757	3	1		.438T		
		S	.125/	.125/	.125/	.125/	.125/	.125/	.188/	.100/	.188/		.188/	.188/		.188/	.188/		.188/		.188/				.188/	1052.	1062-	2507	.250/	.250/	.250/	.250/	-250/	1952.	1520	1062.	250/	250/	.250/	2501	250/	.250/	2501	1000
		MON	×2	<b>5</b> X	3×	2×	3		2×	3×	2×	6x 2x	2×					10		5	6.		500		7X 5X		***		× + × 0				X + X				8 K							

1.7500 - 1 3/4 in.

SHEAR	AREA	2.55	3.05		2.78	2.55		2.88	3.85		2.55	3.05	4.45	2.80	4.43	4.47	3.05	4.45	4.43	4.47	4.45	4.43	4.47	4.45	90.9	6.11	4.47	4.45		2.40	6.15	6.11		11.9	6.08		6.13	6.11	6.08	4.47	6.15	6.13	6.11	9.01	8.03
LANGE	THICK	.438	.438	.375	.375	.438	.375	.438	.563	904.	.438	.438	694.	.438	904.	.531	.438	694.	904.	.531	694.	904.	.531	694.	694.	.531	.531	694.	.594	•656	.650	.531	100.	. 656	694	.531	.594	.531	694.	.531	9690	.594	.531	.531	.594
-	HIDIM	6.00	5.00	6-00	7.00	7.00	7.00	7.00	4.00			7.00	4.00	.00	2.00	4.00	9.00	5.00	6.00	5.00	6.00	7.00	9.00	7.00	4.0	4.00	2.00	00-9	**		00.5	0 .		200			6-00	6	8.00	10.00	6.00	7.00		5.00	2.00
WEB	THICK	.250	.250	.250	.250	.250	.250	.250	.313	.313	.250	.250	.313	.250	.313	.313	.250	.313	.313		.313	.313	.313	.313	.375	.375		.313		.375		375		175	375	.313				.313	.375	.375	.375		.438
430	DEPTH	8.44	10.44	10.38	9.38	8.44	10.38	9.44	10.56	12.41	8.44	10.44	12.47	9.44	12.41	12.53	10.44	12.47	12.41	12.53	12.47	12.41	12.53	12.47	14.47		12.53	15.47	14.59	12.66	0	19.53	2	7	14.47	12.53	14.59	14.53	14.47	12.53		14.59		16.53	16.59
	AREA	4.63	4.69	6.75		5.06		5.31		5.38	5.50	5.56	5.63		5.78	5.88	9.00	60.9	6.19	6.41	6.56	5	96.9	7.03	-	7.38			9		000	7.91	•									3.	.5	9.66	
	YE	9.0	11.0		6.6				11.1	12.9	9.0					13.0	10.9	12.9	12.8	12.9	12.8	12.8	12.9	12.8	14.8		12.8			12.9	14.9	14.	16.7	1		12.7	16.7	14.6		12.6		14.6		16.6	16.6
	Y	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2		1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5			1.5	1.2		1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.8
	ď	1.6	1.0	1.8	1.7	1.6	1.9	1.0	1.9	2.1	1.7	2.0	2.1	1.9	2.2	2.2	2.1	2.3	2.3	5.4	2.4	2.4	5.5	5.5	5.6	2.7	5.6	9.2	2.8	9.7	2.0	8.7	7.2	3.0				3.1	3.1	3.0	3.2	3.5		3.4	3.5
	INERTIA	295.6	394.0	399.5	363.4	329.2	442.9	406.6	458.4	512.6	362.9	493.9	553.9	447.9	576.9	596.1	543.8	9-929			703.0	106.4	765.6	777.6	829.7	884.5	849.3	851.5	939.6	2.428	2.4.0	996.7	1100 6	1133.1	1123.5	1014.4				1095.8	1269.8	1310.8		1418.6	1504.6
MODULUS	ZFL	32.7	35.8	36.6	36.6	36.6	40.7	40.8	38.7	39.7	*00*	45.2	42.8	45.1	6.44	46.0	50.0	6.6.8	50.1	52.8	54.8	55.3	9.65	60.8	56.1	2.65	66.3	66.8	63.3	65.7	000	97.0	75.1	76.5		79.9		83.2	83.8	1.98		9.68	:	85.7	
SECTION	27.	256.4	329.1	332.4	304.7	278.0	358.5	331.0	347.7	406.2	298.4	367.8	30	3	442.6	453.4	414.4	470.5	476.9	497.4	507.8	509.3	537.7	542.8	5.915	602.0	2.4.2	575.3	1.929	20	650.5	650.8		7.69	701.0	640.3	726.0	736.0	736.4	669.5	755.3	168.8	73	20.	6.648
	HT/FT		6.	7	16.59	2	*	18.05	2	.2	-	6	7	.5		6.	20.40	-	21.05			*			.2		5		6.	:,		•	.,	20.02	-	-	6	.5	9.		2.				6.
	32	.438T	.438T	.3751	.3751	-436T	.375T	.436T	. 563T	-406T	.438T	.438T	1694·	.438T	.406T	. 531T	-438T	1694.	.406T	.531T	1694.	.406T	.531T	1694·	1694.	.531T	.5317	1694	1965	1050.	19201	.5311	-7371	1959T	T694	.5311	1465.	.531T	1694·	.531F	.656T	1465.	.531T	.531T	1465·
	S		258/		2507	.250/	.250/	.250/	.313/	.313/	.250/	1052.															.313/		.375/					1375							.375/	.375/	.375/	.438/	.438/
	-	×9	2X	×9	9x 7x	X													×											XC X21			10 474			X6 X2	B.T		X9 X5	-	¥9	X	8 X	6x 5x	

SHEAR	œ		6.11		9.00			-	-		6.13		8.88		6.13	60.9		8.97		8.01			8.88		8.01	8.03			8.88	8.03			•	36.0							11.09		11.72		91		
ANGE	THICK	.594	.531	.531	9	165.	.656	.594	.531	.719	.594	.656	.531	•656	.594	.719	.594	.719	.594	.531	165.	.594	.531	.719	.531	.594	• 656	•656	.531	165.	.656	.594	. 656	.656		617		. 2.0		626	620.	• 656	.000	.750	• 629	.750	
2	HIDIM	9.00	9.00	6.00	2.00	10.00	8.00		10-00	5.00	9.00	6.00	6.00	5.00	10.00	6.00	6.00	2.00	8.00	9.00	11.00	7.00	8.00	6.00	10.00	9.00	7.00	11.00	9.00	10-00	9.00	11.00	10.00	8.6					1			9	0.0			9.00	
MEB	THICK	.375	.375	.438	.438	.375	.375	.438	.375	.438	.375	.438	.438	.438	.375	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.375	.438	.438	. 438	. 436	. 458	954.								000	. 200	.500	. 500	.500	
	EPT	4.5	14.53	6.5	9.9	2.5	14.66	16.59	3	16.72	5	16.66	18.53	9	14.59	16.72	2	18.72	-	16.53	14.59	18.59	18.53	18.72	16.53	16.59	9.	9.		S	18.66		:	:	0 4	77.07		10.00	•		•		21.69		21.63	21.75	
	œ		10.03		10.28			•	.5	.5	10.59	-	11.06		_	11.31	11.44	11.47	11.75	11.78	11.78	12.03	12.13	12.19	12.31	2	12.47			15.94		5	Ü			14.13	•	14.4			12.50	15.75	16.00	ů.	-	17.25	
	4 5	;	14.5	•	16.6	2		•			14.5		16.3	•	14.4	16.5	18.3	18.4		16.3	14.4	18.2	18.2		16.2			14.4		16.2			•	:		7.01		10.01		16.5	0.07	17.0	1.02	20.7	20.6	50.6	
	YP	1.8	1.8	1.8	1.8	1.7	1.0	1.8	1.8	1.9	1.8	1.9	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.0	2.2	2.1	2.3	2.2	2.2	2.3						6.5	0.0	0.7	2.7	2.8	2.8	5.9	
	ď	3.4	3.4	3.5	3.5	3.1	3.5	3.6	3.5	3.6	3.5	3.7	4.0	4.0	3.6	3.6	4.1	4.1	3.9	3.9	3.7		4.3	4.3	4.0	<b>*</b> ·1	*:	3.9	*:	4.2	4.6	F. 3	5.4		:					2.0		2.6	2.5	2.1	2.1	2.9	
	ERTI	-		560.	1590.9		538.						2026.7	2064.6	672.	1866.2	2154.3	2170.7	696	1971.9	1791.8	2344.4	2371.7	2404.8	2109.7	2121.3				2574.2	•	2421.0				: .				3313.2	10000	3510.0	4049.5	4261.3	4348.7	4574.3	
25		98.4	98.9	94.7	95.8	97.8	105.5	10001	106.7	100.9	107.1	90	0	12	10	112.9	117.6	117.7	w	121.1	124.7	128.5	130.6	131.1	130.1	130.4	136.1	134.5	140.4	140.4	148.7	20.	20.	161.0		101.0		•	;		*	. 16	95.	205.6	11.	~	
SECTION	ZPL	808.7	808.2	867.8	878.3	710.2	840.6	899.8	40.	05.	1	30	1032.1	1043.3	77.	960.1	1067.3	1072.6	4.986	986.6	909.0	1115.9	1122.0	1131.6	1021.4	1024.8	1147.5	943.6	1161.5	1060.6	1197.9	1092.5	1096.6	1240.7	10000	1131.4		9.6/71		131704	7.7041	1348.3	1499.4	1533.9		1580.9	
	/FT	.00	.10	. 65	.95	.50	.70,	.90	6	-	-	2	9.	6		.45	.90	.00	.95	.05	.05	.90	.24	.45	. 85	96.	3.	94.	:	:	.64	0	.10	92		22		100		12.		ċ.	*	-	56.95	9.0	
	32	1965.	.531T	.531T	.656T	1965.	.656T	1465 ·	.531T	1917·	1965.	.656T	.531T	.656T	1465.	.719T	1465.	.719T	1465.	.531F	1965.	. 594T	.531T	.719T	.531T	1465.	.656T	.656T	.531T	. 594T	.6561	1965.	1950.	1929	1000	1617		•	•	1960.	•	•	•		•	•	
	NAL SI	3751	X .375/ .5	438/	438/	.375/	375/	438/	375/	438/	.375/	438/	438/	438/	.375/	.438/	.438/	438/	1984	.438/	.375/	1438/	1438/	.438/	.438/	1984	.438/	.375/	.438/	.438/	.438/	.438/	199	199	1000		Æ	1004		1004	,000	199	2005	2005	2007	.5007	
	5	6 X4	X6 X41	9 x9	6X 5	2×10	6 X 4			16X 5X					=	16x 6x	18x 6x	18X 5X	16x 8x	16x 9x	14X11X	18X 7X	18x 8x	19x 6x	16×10×	x6 x91	18x 7x	14X11X	18x 9x	16X10X .43	18x 8x	16x11x	×	16 x 61	< 2				1		10 VI	IBALCA	21x 8x	21x 8x	21X10X	X6 X12	

10AL SIZE  10AL SIZE  1010, 6257 59.09 1583.8 225.1  1010, 68757 59.50 1599.8 226.8  1010, 6887 61.20 1622.6 239.0  1010, 6887 61.20 1622.6 239.0  1010, 6887 61.10 1622.8 239.0  1010, 6887 66.10 1692.3 269.2  1010, 68757 66.10 1692.3 269.2  10257, 7507 75.90 1919.2 206.3  10257, 7507 75.90 1919.2 306.7  10257, 1257 85.40 2057.2 306.9  10257, 1257 85.40 2057.2 306.9  10257, 1257 86.60 2183.9 420.6  10257, 1257 96.60 2183.9 420.6  10257, 1257 96.60 2183.9 420.6  10257, 1257 96.60 2183.9 420.6  10257, 1257 96.60 2183.9 420.6  10257, 1257 96.60 2183.9 420.6  10257, 1257 101.80 2364.7 475.0  10257, 1257 101.80 2364.7 475.0  10257, 1257 116.65 2552.3 590.9  10268/1.1257 116.65 2552.3 590.9  10268/1.1257 124.10 2792.3 659.9  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6  10268/1.1257 144.09 3086.7 743.6	IA R	40	VE ABEA					
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625/ 8751 80.75 1986,4 334,0 625/ 8751 856,0 856,1 865,0 856,0 865,0 865,0 866,0 8397 7 625/ 8751 92.65 21291 4189 80.65 10297 2 366,0 625/ 8751 92.65 21291 4189 819.7 865/11251 95.90 21811 447.7 868/11251 96.90 21811 447.7 868/11251 96.90 2185.5 461.2 168/ 8751 101.80 2396.7 475.0 168/ 8751 105.20 2444.3 500.3 186/ 8751 115.19 2694.7 561.0 186/ 8751 1251 126.50 2582.3 590.8 186/ 8751 1251 126.50 2884.0 621.7 186/ 8751 1251 126.50 2884.0 621.7 186/ 8751 1251 126.50 2884.0 621.7 186/ 8751 1251 126.50 2884.0 651.6 18751 1251 126.50 2884.0 651.6 18751 1251 126.00 2886.7 743.6 2875/1.257 144.09 3086.7 743.6 2875/1.257 144.09 3086.7 743.6 2875/1.257 144.09 3086.7 743.6 2875/1.257 144.09 3086.7 743.6 2875/1.257 145.35 310.2 2858.3 816.1 2875/1.257 1251 145.35 310.2 2858.3 816.1 2875/1.257 1251 103459.9 884.5 2875/1.257 1251 1251 1251 1251 1251 1251 1251 1	.5 7.3	3.7		5 24.75	.625	11-00	.750	16.56
.625/1.1257 85.44 2057.2 366.0 625/ .8757 89.69 2097.2 397.7 625/ .8757 89.69 2097.2 397.7 625/ .8757 92.65 2143.8 420.6 625/1.1257 96.90 2143.8 420.6 625/1.1257 96.90 2143.8 420.6 625/ .8757 96.90 2184.8 420.6 625/ .8757 96.60 2185.5 451.2 1.688/ .8757 105.20 2346.7 475.0 1.688/ .8757 115.19 2694.7 561.2 1.688/ .875/ .1257 115.9 2694.7 561.0 1.688/ .875/ .1257 122.40 2785.3 592.8 1.688/ .875/ .1257 124.0 2785.3 652.4 1.658/ .875/ .1257 136.00 2800.3 659.6 1.875/ .1257 136.00 2800.3 659.6 1.875/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 144.99 3086.7 743.6 2.885/ .1257/ .1257 149.90 3086.7 743.6 2.885/ .1257/ .1257 149.90 3086.3 894.5 2.885/ .1257/ .1257 149.90 3086.3 894.5 2.885/ .1257/ .1257 151.74 3162.3 816.1 2.885/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/ .1257/	.7 7.4	3.8	22.8 23.7	5 24.88	.625	10.00	.875	16.64
.625/ .8757 99.69 2097.2 397.7 625/ .8757 92.65 2129.1 418.9 625/1.1257 95.90 214.3.8 420.6 625/1.1257 96.90 214.3.8 420.6 625/1.1257 96.90 214.3.8 420.6 625/1.1257 97.55 2353.4 437.2 1.688/ .8757 98.80 2361.2 451.2 1.688/ .8757 101.80 2361.2 451.3 1.688/ .8757 105.20 2444.3 500.3 1.750/ .8757 115.92 2544.3 500.3 1.750/ .8757 115.92 2544.3 500.3 1.750/ .8757 116.59 2743.5 588.7 1.750/ .8757 122.40 2785.3 639.2 1.750/ .875/ .1257 124.90 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 144.99 3086.7 743.6 28.4 1.257 145.35 3297.2 793.8 875/1.1257 149.60 3152.2 793.8 875/1.1257 151.7 4 3162.3 816.1 2.8 875/1.1257 151.0 3459.9 884.5 5 2.8 875/1.1257 151.0 3459.9 884.5 5 2.8 875/1.1257 151.0 3459.9 884.5 5 2.8 875/1.1257 151.0 3459.9 884.5 5 2.8 875/1.1257 151.0 3459.9	1.7 9.	4.1	22.8 25.1	3 25.13	.625	9.00	1.125	16.80
625/ 8757 92.65 2129.1 418.9 625/1.1257 93.09 2143.8 420.6 668/1.1257 97.55 2353.4 439.2 1 668/1.1257 96.90 2143.8 420.6 668/1.1257 96.60 2185.5 461.2 1 668/1.1257 98.80 2361.2 451.3 1 688/1.1257 101.80 2365.7 475.0 1 750/1.1257 115.19 2694.7 561.0 1 750/1.1257 116.65 2592.3 590.8 1 750/1.1257 122.40 2785.3 562.4 1 750/1.1257 122.40 2785.3 562.4 1 750/1.1257 124.10 2785.3 659.4 1 750/1.1257 130.05 2868.5 7 743.6 288/1.1257 144.99 3104.2 748.4 2 875/1.1257 144.99 3104.2 748.4 2 875/1.1257 149.96 3104.2 748.4 2 875/1.1257 149.96 3104.2 748.4 2 875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 2875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 775/1.1257 149.96 3104.2 775/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 7743.6 756.9 875/1.1257 149.96 3104.2 775/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2 875/1.1257 149.96 3104.2	6.2 0.	4.2	22.4 26.31	\$ 24.88	.625	13.00	.875	16.64
625/1.1257 93.09 2143.0 420.6 686/1.1257 96.90 2143.0 420.6 666/1.1257 96.90 2143.0 420.6 666/1.1257 96.90 2181.1 447.7 666/1.1257 96.90 2181.1 447.7 666/1.1257 96.60 2361.2 451.3 166/1.1257 101.80 236.7 475.0 166/1.1257 105.20 2444.3 500.3 1750/1.1257 116.65 2552.3 500.3 1750/1.1257 120.50 2564.0 621.7 1750/1.1257 120.50 2564.0 621.7 1750/1.1257 120.90 2600.3 659.4 1750/1.1257 130.05 2858.5 689.6 1750/1.1257 144.99 3086.7 743.6 267/1.1257 144.99 3086.7 743.6 267/1.1257 144.99 3086.7 743.6 267/1.1257 144.99 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.7 743.6 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.60 3162.3 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.5 267/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257 149.90 3086.7 27/1.1257	.9 8.1	4.4			.625	14.00	.875	16.64
625/1.1257 96.90 2181.1 447.7 688/1.1257 97.55 2353.6 439.2 6625/ 8757 8757 2353.6 439.2 688/1.1257 96.90 2361.2 461.2 688/1.1257 98.80 2361.2 461.2 688/1.1257 101.80 2396.7 475.0 688/1.1257 105.20 2444.3 500.3 1.750/ 8757 115.19 2694.3 500.3 1.750/1.1257 116.59 2785.3 590.8 1.750/1.1257 120.50 2884.0 621.7 1.750/1.1257 120.50 2884.0 651.6 1.750/1.1257 120.50 2884.0 651.6 1.750/1.1257 120.50 2885.0 651.6 1.750/1.1257 144.09 3086.7 743.6 2875/1.1257 144.09 3086.7 743.6 2875/1.1257 144.99 3086.7 743.6 2875/1.1257 144.99 3086.7 743.6 2875/1.1257 144.99 3086.7 743.6 2875/1.1257 144.99 3086.7 743.6 2875/1.1257 144.99 3086.7 743.6 2875/1.1257 145.35 3297.8 756.0 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/1.1257 145.35 3106.2 758.4 2875/	.3 8.1	***	22.5 27.3	3 25.13	. 625	11.00	1.125	16.80
.686/1.1257 97.55 2353.4 439.2 .668/1.1257 98.60 2185.5 461.2 .668/1.1257 98.60 2185.5 461.2 .668/1.1257 101.80 2396.7 475.0 .668/1.1257 101.80 2396.7 475.0 .688/1.1257 115.19 2694.3 590.8 .750/1.1257 116.65 2552.3 590.8 .750/1.1257 120.50 2584.0 621.7 .750/1.1257 120.50 2584.0 621.7 .750/1.1257 120.00 2785.3 639.3 .688/1.1257 124.00 2785.3 639.2 .875/1.1257 136.00 2800.3 659.6 .875/1.1257 144.94 3104.2 743.6 .875/1.1257 144.94 3104.2 743.6 .875/1.1257 149.94 3104.2 743.6 .875/1.1257 149.60 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.5 2875/1.1257 151.74 3162.3 816.1 2875/1.1257 151.74 3162.3 816.1 2	.5 8.3	9.4	-		.625	12.00	1.125	16.80
625/ .8757 98.60 2185.5 461.2 688/ .8757 98.80 2361.2 451.3 668/ .8757 101.80 2396.7 475.0 668/1.1257 115.19 2694.3 500.3 1750/ .8757 115.19 2694.3 500.3 1750/ .8757 115.19 2694.3 500.3 1750/ .875/ .126.59 2584.0 621.7 1250/ .875/ .126.10 2785.3 622.4 1750/ .8757 124.10 2792.3 639.3 1688/ .1257 124.0 2785.3 639.3 1688/ .1257 136.00 2800.3 659.4 1875/ .1257 144.99 3104.2 743.6 2875/ .1257 144.99 3104.2 743.6 2875/ .1257 144.99 3104.2 743.6 2875/ .1257 144.99 3104.2 743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 149.94 3104.2 7743.6 2875/ .1257 1257 1257.0 3459.9 884.5 2	.3 8.7	1	2	28.13	.688	9.00	1.125	20.56
.688/ .8757 90.80 2361.2 451.3 1688/ .8757 101.80 2396.7 475.0 1688/ .1257 105.20 2444.3 500.3 1650/ .8750/ .8751/ 105.20 2444.3 500.3 1688/ .1257 115.95 2594.7 561.0 1688/ .1257 116.59 2743.5 568.7 1688/ .1257 122.40 2785.3 522.4 1750/ .875/ .1257 124.30 258.0 651.7 126.30 124.30 258.0 651.6 128.7 124.30 2680.3 659.4 185/ .1257 136.00 2800.3 659.4 185/ .1257 144.99 3086.7 743.6 2875/ .1257 144.99 3086.7 743.6 2875/ .1257 144.99 3086.7 743.6 2875/ .1257 149.94 3194.2 756.0 2875/ .1257 149.94 3194.2 756.0 2875/ .1257 149.94 3162.3 816.1 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3459.9 884.5 2875/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .1257 124.30 3450/ .125	.5 8.4	4.6		_	• 625	16.00	.875	16.64
.688/.8757 101.80 2396.7 475.0 .688/1.1257 105.20 2444.3 500.3 1.75.0 .888/1.1257 115.19 2694.7 561.0 1.688/1.1257 116.65 2552.3 590.8 1.750/1.1257 118.59 2745.3 590.8 1.750/1.1257 120.50 2584.0 621.7 1.750/1.1257 122.40 27785.3 639.3 1.750/1.1257 124.10 2792.3 639.3 1.750/1.1257 130.05 2858.6 6892.8 1.750/1.1257 130.05 2858.6 6892.8 1.750/1.1257 144.99 3086.7 743.6 2.875/1.1257 144.99 3086.7 743.6 2.875/1.1257 145.96 3104.2 748.4 2.875/1.1257 149.96 3104.2 748.4 2.875/1.1257 149.96 3104.2 748.4 2.875/1.1257 149.96 3104.2 748.4 2.875/1.1257 149.60 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.5 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3 816.1 2.875/1.1257 151.74 3162.3		4.8	6		.688	12.00	.875	20.39
686/1.1257 105.20 2444.3 500.3 1750/ 8757 115.19 2694.7 561.0 1750/ 8750/ 11251 2694.7 561.0 1750/ 8750/ 11251 2694.7 561.0 1750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 8750/ 87	2	6.4	24.7 29.9	. 27.88	.688	13.09	.875	20.39
.750/ .8757 115.19 2694.7 561.0 .688/1.1257 116.65 2552.3 590.8 .750/1.1257 120.50 2584.0 621.7 .750/1.1257 122.40 2785.3 639.3 .750/1.1257 122.40 2785.3 639.3 .688/1.1257 124.10 2792.3 639.3 .875/1.1257 124.10 2792.0 651.6 .750/1.1257 124.09 2858.5 689.2 .875/1.1257 144.94 3104.2 748.4 .875/1.1257 144.94 3104.2 748.4 .875/1.1257 145.96 3152.2 733.2 .875/1.1257 149.60 3152.2 733.2 .875/1.1257 149.60 3152.3 816.1	9	5.1	24.6 30.94		.688	11.00	1.125	20.56
.680/1.1257 116.65 2552.3 590.8 .750/1.1257 118.59 2743.5 588.7 .688/1.1257 122.40 2584.0 621.7 .750/1.1257 122.40 2785.3 622.4 .750/1.1257 124.30 2612.0 651.6 .750/1.1257 124.30 2612.0 651.6 .750/1.1257 136.00 2806.7 743.6 .875/1.1257 144.09 3186.7 743.6 .875/1.1257 144.09 3186.7 743.6 .875/1.1257 144.9 3162.2 793.2 .875/1.1257 149.60 3152.2 793.2	-	9.6	0		.750	13.00	.875	24.47
.750/1.1257 118.59 2743.5 568.7 568.7 568.1 125.40 2584.0 621.7 750/1.1257 120.40 2785.3 622.4 550/1.1257 124.10 2792.3 639.3 689.1 124.10 2792.3 639.3 689.1 1250/1.1257 136.00 2800.3 659.4 6875/1.1257 144.94 3104.2 743.6 6875/1.3757 144.94 3104.2 743.6 875/1.3757 149.60 3152.2 733.2 6875/1.1257 149.60 3152.3 816.1 6875/1.1257 1591.0 3459.9 884.5	9.6 9.	2.6			.688	14.00	1.125	20.56
.684/1.1257 120.50 2584.0 621.7 .750/1.1257 122.40 2792.3 652.4 .750/1.1257 124.10 2792.3 652.4 .750/1.1257 124.30 2612.0 651.6 .875/1.3757 130.05 2858.5 689.2 .875/1.257 144.94 3104.2 743.6 .875/1.1257 144.94 3104.2 748.4 .875/1.3757 145.60 3152.2 733.2 .875/1.1257 145.35 3297.8 756.8 .875/1.1257 145.35 3297.8 756.8	.4 1	5.8	-		.750	11.00	1.125	54.66
750/1.1257 122.40 2785.3 622.4 .750/ .8757 124.10 2792.3 639.3 .750/1.1257 130.05 2858.5 689.2 .875/1.257 136.00 2810.3 659.4 .875/1.257 144.94 3104.2 743.6 .875/1.257 145.95 3104.2 743.6 .875/1.1257 145.95 3397.8 756.8 .875/1.1257 149.6 3152.2 733.2 .875/1.1257 149.6 3152.3 816.5	.5 9.9	2.8	-	28.13	. 688	15.00	1-125	20.56
.750/ .8751 124.10 2792.3 639.3 .688/1.1251 124.30 2612.0 651.6 .750/1.1251 130.05 2858.5 689.2 .875/1.1251 144.09 3086.7 743.6 .875/1.1251 144.09 3086.7 743.6 .875/1.1251 145.35 3297.8 756.8 .875/1.1251 149.60 3152.2 733.2 .875/1.1251 159.10 3459.9 884.5	.0 10.5	0.9	6	31.13	.750	15.00	1.125	54.66
.688/1.1257 124.30 2612.0 651.6 .750/1.1257 130.05 2858.5 689.2 .875/1.3757 144.09 3086.7 743.6 .875/1.3757 144.94 3108.7 743.6 .875/1.3757 144.94 3108.2 748.4 .875/1.3757 149.60 3152.2 733.2 .875/1.257 149.60 3152.2 733.2	.5 10.5	6.1	9	_	.750	16.00	.875	24.47
.750/1.1257 130.05 2858.5 689.2 .875/1.3757 136.00 2800.3 659.4 .875/1.1257 144.09 3108.7 743.6 .875/1.1257 144.35 3297.8 756.8 .875/1.1257 149.60 3152.2 743.6 .875/1.3757 149.60 3152.2 743.6	.2 10.1	9.0	6		.688	16.00	1.125	20.56
.875/1.3757 136.00 2800.3 659.4 .875/1.1257 144.09 3086.7 743.6 .875/1.1257 144.94 3104.2 748.4 .875/1.1257 145.35 3297.8 756.8 .875/1.1257 149.60 3152.2 733.2 .875/1.1257 151.74 3162.3 816.1	.4 10.9	4.9	10		.750	14.00	1-125	54.66
.875/1.1257 144.09 3086.7 743.6 .875/1.3757 144.94 3104.2 748.4 .875/1.1257 145.35 3297.8 755.8 .875/1.1257 149.60 3152.2 753.2 .875/1.1257 151.74 3162.3 816.1	.5 10.6	6.3	4	31.38	.875	10.00	1.375	28.99
.875/1.3757 144.94 3104.2 748.4 .875/1.1257 145.35 3297.8 756.8 .875/1.3757 149.60 3152.2 733.2 .875/1.1257 151.74 3162.3 816.1 .875/1.5007 158.10 3459.9 884.5	•6 11.6	7.0	28.9 42.38	34.13	.875	12.00	1.125	31.40
.875/1.1257 145.35 3297.8 756.8 .875/1.3757 149.60 3152.2 733.2 .875/1.1257 151.74 3162.3 816.1 .875/1.5007 158.10 3459.9 884.5	.3 11.7	7.0	29.1 42.63	34.38	.875	10.00	1.375	31.61
.875/1.3757 149.60 3152.2 733.2 .875/1.1257 151.74 3162.3 816.1 .875/1.5007 158.10 3459.9 884.5	.0 12.3	7.3	31.6 42.75	37.13	.875	10.00	1.125	34.02
.875/1.1257 151.74 3162.3 816.1 2	.9 11.9	7.3	28.9 44.00	34.38	.875	11.00	1.375	31.61
.875/1.500T 158.10 3459.9 884.5 2	.7 12.0	7.4	28.5 44.5	34.13	.875	14.00	1.125	31.40
	.7 13.0	8.0	31.3 46.5	37.50	.875	10.00	1.500	34.34
.875/1.375T 172.55 3588.3 1035.0	.2 13.7	8.8	30.4 50.7	37.38	.875	14.00	1.375	
.875/1.500T 183.60 3	.5 14.2	9.3	29.9 54.00	37.50	.875	15.00	1.500	34.34

1.7500 - 1 3/4 in.

2 in.

2,0000

SHEAR	APFA	2 64	10.2	3.11	3.10	5.85	9.	3.10	2.86	3.93		2.61				2.86	4.51	4.55	3.11	4.53	4.51	4.55	4.53	4.51	4.55	4.53	6.18		4.55			5.50	6.25	6.20		6.20	6.25	6.18		6.22		6.18	4.55	6.25	6.22	6.20	8.12	8.14	
LANGE	THTCK			.438	.375	.375	.438	.375	.438	.563	.406	4.38		000	694.	.438	984.	.531	.438	694.	90%	.531	694.	2406	.531	694.	694.	.531	.531	694.	.594	.656	. 656	.531	.531	.531	.656	694.	.531	.594	.531	694.	.531	9690	+65.	.531	.531	.594	
L				2.00	0	7.00	7.00	7.00	7.00	4.00	00-1	8.00		200	4.00	8-00	2.00	4.00	8.00	2.00	6.00	5.00	6.00	7.00	6.00	7.00	4.00	4.00	7.00	8.00	4.00	2.00	4.00	5.80	8.00	6.00	2.00	7.00	9.00	6.00	7.00	8.00	10.00	6.00	7.00	8.00	5.00		
	THICK	200	0620	952.	.250	.250	.250	.250	.250	.313	.313	250	2000	0620	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.375	.313	.313	.375	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.313	.375	.375	.375	.438	.436	
DEAN	DEDTE		***	*	m.	9.38	8.44	10.38	•	10.56	4				15.47	3.44	15.41	12.53	10.44	12.47	12.41	12.53	12.47	12.41	12.53	12.47	14.47	14.53	12.53	12.47	14.59	12.66	14.66	14.53	12.53	14.53	14.66	14.47	12.53	14.59	14.53	14.47	12.53	14.66	14.59	14.53	16.53	16.59	
	ADEA	-	0	4.69	4.75		2.06	5.13	5.31	5.38	5.38	u			5.63	5.15	5.78	5.88	6.00	60.9	61.9	*	9.56	6.59	-	7.03	-	M	7.47	5	7.63	7.78	7.88	7.91	8.00	8.44	8.53	6.53	8.53	8.81	8.97	9.00	90.6	9.19	9.41	9.50	9.66		
	4 >	_	2.5			10.1								11:1	13.1	10.1	13.1	13.2	11.1	13.1	13.0	13.1	13.1	13.0	13.1	13.0	15.0	15.1	13.1	13.0	15.1	13.2	15.1	15.0	13.0	15.0	15.1	14.9	13.0	15.0	14.9	14.9	12.9	15.0	14.9	14.9	16.9		
	0>		7.1	1.3	1.3	1.2	1.2	1.3	1.3		1.3			1.00	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5		1.5	1.5	1.5	1.5	1.5	1.6	1.6		1.6	1.6	1.6	1.6	1.6	1.6	1.7		1.7	1.7	
	•	٤.	**	1.7	1:1	1.6	1.5	1.7	1.7	1.7	1.9		•		1.9	1.8	2.0	2.0	1.9	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	4.2	2.4	5.4	5.5		5.6	5.6	2.5	2.7	2.1		5.6		2.8	2.8	2.7	5.9	6.2		3.0		- 2 +
	THEBTTA	THERETE	320.9	457.4	433.0	396.6	362.0	478.1	441.4	463.5	549.1	207.1	237.2	551.1	591.9	484.5	615.6	635.4	583.0	669.1	682.6	723.6	746.2	749.8	811.2	823.7	876.3	932.9	898.3	9.006	6.686	872.8	1047.0	1049.1	985.0	1165.2	1190.5	1180.8	1070.4	1248.0	1278.2	1281.0	1155.5	1332.8	1375.6	1392.1	w	-	0000 6
MODELL LIS	251		35.5	38.2	38.9	39.1	39.4	43.1	43.4	41.1	41.9		? .		45.0	47.8	47.1	48.2	55.5	51.0	52.3	55.1	57.1	57.6	61.9	63.2	58.3	61.9	68.8	69.3	9.59		69.1	6.69	15.7	6.11	6.92	79.3	85.5	93.3	85.7	86.2	3.68	88.7	92.1	93.6		93.3	
SECTION	701		5000	-		317.4	291.2	72	45	361.9	21.		2010	:		371.2	1.094	472.4	434.0	491.3	498.5	521.2	533.0		566.7	572.7	607.0	635.8	4.609	610.2	663.9	593.4	91.		649.5	744.3	155.9	7.057	96.	780.1	7.367	6.261		15	831.6	37	887.6	22	
			15.74	15.95	16.15	16.59	17.20	17.44	18.05	18.29	18.29			18.90	19.14	19.55	19.65	19.99	20.40	20.71	21.05	21.79	22.30	22.41	23.68	23.90	24.24	25.03	25.40	25.50	25.94	26.45	26.79	26.89	27.20	28.70	29.00	29.00	29.00	56.62	30.50	30.60	30.60	31.25	31.99	32,30	32.84	33.90	
	36	,	1994	.4381	.3751	.3751	.438T	.375T	63	56		14.4			1694.	.438T	.406T	. 531T	.43 BT	1694.	.406T	.5311	1694.	.406T	.531F	1694.	1694.	.531T	.531F	1694.	. 594T	.656T	.656T	.531T	.5311	.531T	.656T	1694.	.531T	. 594T	.531T	1694.	.531T	.656T	1465.	.531T	.531T	1965·	
	-	;	1067	.250/	1052.	1052.	1052.	.250/	.250/	.313/			2000	1067	.313/	.250/	.313/	.313/	1052.	.313/	.313/	.313/	31		.313/	.313/	.375/	.375/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.438/	.438/	
	MONTHAN		×	24	<b>8</b> ×	×	×	×	7X	×,	Y.	*		×	×	8 X	2X	**	×e	2X	8x	SX	6×	7X	×	×	×*	**	×	8 ×	**		*	2×	×	14x 6x	2×	×2	×	6×	×	SX.	10x	X9 X4	X2 X4	X8 X5	6x 5x		

	~	A	2	0	2	1	2	2	•			2	2	6	2	2		2		3	2	2	2	6		2	*	2	2	6	*	2	*	,	2	2	-			٠,	2	2	2	2		2		
	SHEAR	ARE	6.2	6.2	9.1	8.1	5.4	2.9	8.1			6.2		8.9	9.0	6.2	8.2	9.0	9.0	8.1	8.1	6.2		6.9	9.0			9.0	6.2			9.0	9.1	8.1	9.0	5	07.0	•		•		11.8		11.8	11.8		11.8	
*******	NGE	THICK	*65*	.531	.531	•656	.594	• 656	.594	.531	.719	165.	• 656	.531	•656	165.	.719	165.	.719	*65*	.531	*65*	165.	.531	.719	.531	*65*	•656	•656	.531	*65*	•656	.594	.656	•656	***	2	0000	210	6119	. 656	• 629	.656	.688	.750	.625	.750	
	Z	HIDIM	8.00	9.00	6.00		10.00	=	-	_	-	9-00	0	0	5.00	10.00	6.00	6.00	5.00	8.00	9.00	0	7.00	8.00	6.00	10.00	9.00	7.00	11.00	0	10.00	8.00	11.00	10.00	9.00	10.00	20.01	11.00	) C	3 0	11.00	0	0	0	0	10.00	0	
	ME8	THICK	.375	.375	.438	.438	.375 10.0	.375	.438	.375	.438	.375	.438	.438	.438	.375	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	.438	.438	.375	.438	.438	.438	.438	. 438	.438	. 438	. 450	000		000	• 438	.500	. 438	. 500	.500	.500	.500	
*** BEAY		DEPTH	14.59		16.53	16.66	.5	9	5	2	~	2	9	.5	18.66	14.59	-	18.59		10	16.53	B	18.59	in	18.72	10	16.59	18.66	14.66	18.53	16.59	18.66	16.59	16.66	9	18.59		10.00	•	21.01				0	-	21.63		
*******		H	0	0	10.19	2		•	5	v		S	T	0	-	11.19	31	***	14.	52	82	-	0	-	12.19	12.31	12.34	12.47	*	9	15.94	-	3	13.56					•			. 5	-	16.00	.5	16.75	2	
		YF	14.9	14.8	16.8	16.9	12.9	14.9	16.8	14.8	16.9	14.8		18.7	18.8	14.8		18.7	18.8	16.7	16.6	14.7	18.6	18.6	18.7			18.6	14.7	18.5			16.5			10.4	•	•	1001			:		21.2	:		21.1	
		Y	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9		2.0	2.0			1.9	2.0						2.1			2.1			200		5.4		5.5	•	5.5	5.6	:
		œ					2.8					3.2	3.4	3.6	3.6	3.3	3.5	3.7	3.7	3.5	3.5		3.9				3.7		3.5		3.8	4.1	3.9	3.9	4.3	4.5				7		5.4		2.0	•	2.5	5.3	- 2 in
		INERTIA	1503.8	1504.4	1632.6	1664.2	1299.9	•	1737.5	•	2	628.	1844.6	2113.2	2152.4	1753.5		245.	26	058.	2061.7	879.	443		2506.8	2205.8	2217.9		02		2378.2		2532.4		:	:		23.00	•		:	3993.2	3		1:	m	9.0224	2,0000
	MODULUS	ZFL	0	101.5	37.2	98.3	100.7		0	109.4	03.	.60	.60	13.	114.6	118.7	115.6		2	23.	123.9	2	1.	133.3		33	133.2		37.	43.	43.	51.	153.2	53.		;		104.1				88	0	98	.60	215.0	25.	
	SECTION	ZPL	880.4	880.1	1.446	957.2	773.7	919.8	983.6	616.6	880.3	924.7	1021.5	1136.5	1150.2	1.996	1057.8	1160.2			1091.8				1260.8		1140.1	1282.2	1051.0	1299.7	1186.1	1346.2	1227.8	1233.0	•	1402.3		•	•	1000	501	1672.8	1545.7	1721.7		1783.8		
		HT/FT		-	9.	6.	35.50	-			•		2.	9.	6	0	3	6	0	6	-			2	3		6.		*			9.	0	-			62.84									26.35		
		321	•	•	•	•	•	.6561	•	•	.7191	•	•	•	1959.	1465.	.7191	1465.	1617.	1465.	.5317	1465.	1465.	.531T	.719T	.531T	1965.	1959*	.656T	.531T	1965.	.656T	. 594T	· 656T	.6567	1466.	1617.	10200	7401	1617	•	•	•65	.68	.75	.6251	. 15	
		NAL SI	.375/	.375/	438/	438/	.375/	.375/	438/	375/	.438/	375/	438/	1984.	.438/	.375/	.438/	.438/	438/	.438/	.438/	.375/	.438/	438/	.438/	.438/	.438/	.438/	.375/	.438/	.438/	.438/	.438/	.438/	438/	1994		1000		130	.438/	2000	.438/	2005	.5007	.5007	1005.	
		E	4X 8X	X6 X4	×	XS X9	12×10×	×	×		2	8	×		2X	XO.	2×	×	8X 5X	X9 X9	X6	X	7X	×	<b>8</b>	6×10×	×	×		8x 9x	×	×		×	×		PATINA	4 2	< >	. ,		× :	×	×	1x 8x	21X10X	1x 9x	

2.000 IN. PLATE (AREA=152.00 SQ.IN.)

	æ	4	2	*		5	2		*	2.	2.	2.	0	9			9	9	3	0	9	9	3	9	3	2	3	5	9	3	2	1	1	2	*	2	1	9	9	9
	SHEAL	ARE	11.0	11.9	11.8	11.8	11.8	11.8	11.9	16.7	16.7	16.7	16.8	16.9	16.8	16.8	16.9	16.9	20.7	16.8	20.5	20.56	20.7	24.66	20.73	24.85	20.73	24.8	24.66	20.73	24.85	29.21	31.6	31.83	34.2	31.83	31.61	34.5	34.4	34.5
*****	NGE	THICK	.625	.875	.750	.688	.688	.750	.875	.750	.750	.750	.875	1.125	.875	.875	1.125	1.125	1.125	.875	.875	.875	1.125	.875	1.125	1.125	1.125	1.125	.675	1.125	1.125	1.375	1.125	1.375	1.125	1.375	1.125	1.500	1.375	1.500
** SNOI	FLA	WIDTH	11.00	8.00	10.00	11.00	13.00	12.00	11-00	9.00	10.00	11.00	10.00	9.00	13.00	14.00	11.00	12.00	9.00	16.00	12.00	13.00	11.00	13.00	14.00	11.00	15.00	12.00	16.00	16.00	14.00	10.00	12.00	10.00	10.00	11.00	14.00	10.00	14.00	15.00
DIMENSIONS	NE8	THICK	.500	.500	.500	.500	.500	.500	.500	.625	.625	.625	• 625	•625	•625	.625	.625	.625	.688	•625	.688	.698	.688	.750	.688	.750	.688	.750	.750	.688	.750	.875	.875	.875	.875	.875	.875	.875	.875	. A75
*** BEAN		DEPTH	21.63	21.88	21.75	21.69	21.69	21.75	21.88	24.75	24.75	24.75	24.88	25.13	24.88	24.88	25.13	25.13	28.13	24.88	27.88	27.88	28.13	30.88	28.13	31.13	28.13	31.13	30.88	28.13	31.13	31.38	34.13	34.38	37.13	34.38	34.13	37.50	37.38	37.50
*******		AREA	17.38	17.50	18.00	18.06	19.44	19.50	20.13	21.75			23.75			27.25	27.38	28.50	28.69	29.00	29.06	76.62	30.94	33.88	34.31	34.89	35.44	36.00	36.50						42.75	00.44	44.63	46.50	50.75	54.00
		4.1	21.0	21.2	21.1	21.0	20.8	20.9	20.9	23.6	23.5	23.4	23.5	23.6	23.2	23.1	23.3	23.1	26.0	22.8	25.7	25.6	25.7	28.0	25.3	28.1	25.1	27.9	27.6	25.0	27.6	27.9	30.1	30.3	32.9	30.1	29.8	32.6	31.8	31.5
		YP	5.6	5.6	2.7	2.7	6.5	6.2	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1	4.0	4:1	4.3	4.4	6.4	6.4	5.0	5.0	2.5	2.5	2.5	5.5	5.5	6.0	9.0	2.9	6.3	6.3	6.9	7.5	8.0
		œ	5.3	5.4	5.5	5.5	5.8	5.8	6.5	6.3	6.5	9.9	1.9	7.0	7.2	1.4	7.4	7.6	9.0	7.7	8.1	8.2	8.5	9.3	9.0	9.6	9.5	3.7	3.8	9.6	10.1	6.6	10.8	10.9	11.4	11.1	11.2	12.2	12.9	13.3
		INERTIA	4806.2	6.9684	5083.8	5106.8	5691.3	5726.7	6013.2	6879.7	7287.8	7684.5	7974.3	8759.3	9349.5	9800.2	9937.8	10511.9	11614.5	10683.4	11796.4	12355.3	13065.0	15967.6	15150.6	16811.4	15844.7	17666.4	17937.6	16509.3	19331.0	18730.8	22730.4	23096.0	25337.2	24305.7	24724.8	29371.3	33526.3	36710.6
	HODOL US	ZFL	228.7	230.5	241.8	243.3	273.4	274.4	287.4	291.0	309.6	327.8	339.3	371.7	403.6	425.1	6.924	454.3	446.0	467.8	458.2	482.2	507.9	6.695	5.665	598.0	630.7	632.1	649.1	661.0	8.669	670.8	156.4	761.5	770.4	8.908	829.9	900.1	1052.6	1166.4
	SECTION	ZPL	1835.0	1655.2	1887.0	1889.0	1983.1	1989.6	2033.9	2213.5	2271.2	2323.6	2362.3	5458.9	2516.6	2561.4	2560.4	2633.2	2839.8	2641.7	2852.0	2901.5	2966.3	3285.2	3118.6	3351.2	3163.7	3409.1	3420.3	3203.7	3511.2	3432.9	3797.4	3820.1	4059.2	3885.6	3900.8	4576.5	4452.0	4577.3
		HT/FT		59.50		61.40	66.10	66.30	68.44	73.95	76.50	79.05	80.75	35.44	89.69	95.65	93.09	96.90	97.55	98.60	98.80	101.80	105.20	115.19	116.65	118.53	120.50	122.40	124.10	124.30	130.08	136.00	144.09	144.94	145.35	149.60	151.74	159.10	172.55	183.60
		SIZE	. 625T	1578°	.750T	.688T	.688T	.750T	.8751	.750T	-750T	.750T	.875T	.125T	.875T	1578.	.1251	.125T	688/1.1257	1878.	.8751	1878.	.1251.	1578.	688/1.125T	.125T	.125T	.1251	.875T	.125T	.125T	.3757	875/1.125T	.375T	.1257	.3751	875/1.125T	.875/1.500T	.375T	5007
			1005.	.500/	1005.	.5007	1005.	.500/	.500/	1529.	.625/	.625/	.625/	.625/1	1929.	.625/	.625/1.1251	.625/1.1251	.688/1	1929.		1999.	.688/1	1578. 1027.	.688/1	.750/1.1251	.688/1.1251	.750/1.125T	1518. 18751.	.698/1.1257	.750/1.1257	.875/11.3751	.875/1	.875/1.3751	.875/1.1257	.875/1.3751	.875/1	.875/1	.875/1.37	.875/1
		NOMINAL	21X11X		21×10×	21X11X			X	24x 9x	XO		×		24×13×		X	2x	×													×					33K14K			RAFISK

2.0000 - 2 in.

APPENDIX B
PROPERTIES OF COMBINED BEAM AND PLATE FOR HY-100 STEEL

CHEAD	AREA	-		.54	. 41	.54	. 83	1.01	• 65	1.02	1.21	1.20			?	1.61	1.20	1.02	1.21	1.02	1.86	1.64				1.00	1.09	2.13	2.36	2.11	1.86	2.14	2.38	2.36	5.39	2.11	2.38	5.36	2.13	1.69	5.39	2.38	2.14	2.13	1.09	2.39	2.38	3.29	2.14		
, e	THICK		.166	.188	.188	.186	.313	.258	.313	.313	313	250	25.0			.313	.250	.313	.313	.313	.313	438	375				954.	.375	.313	.313	.313	.430	.375	.313	.438	.313	.375	.313	.375	.438	.438	.375	.438	.375	.438	.438	.375	.375	.430		
SIONS SEE	WINTH		2.11	2.00	3.00	3.00	2.00	2.00	3-00	2-00	2.00					2.00	4.00	4.00	4.00	5.00	3.00	3.00	300				3.00	3.00	3.00	**	2.00	3.00	3.04	***	3.00	2.00		5.00	2.00	2.00	*.00	2.00	2.00	6.00	6.00	2.00	9.00	4.00	9.00		
UEB	THICK		•155	.125	.125	.125	.188	.188	.188	.188	188				.100	.166	.188	.188	.168	.188	.250	250	256	250		1630	062.	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.250		
BEAR	DEPTH		3.19	4.19	3.19	4.19	4.31	5.25	3.31	5.31	6.31	20.3	6.26	200	15.0	0.31	6.25	5.31	6.31	5.31	7.31	44.4	7.30			100	***	8.38	9.31	8.31	7.31	9.44	9.38	9.31	9.44	8.31	9.38	9.31	8.38	7.44	9.44	9.38	9.44	8.38	7.44	9.44	9.38	10.38			
	APFA	-	.75	•	.94	1.06	1.438	1.44	1.50	1.56	1.75				2000	90.2	2.13	2.19	2.38	2.50	2.69	2.81	2.88	20.0		2000	3.00	3.13	3.19	3.25	3.31	3.31	3.38	3.50	3.56	3.56	3.75	3.81	3.88	3.94	*.0	4.13	4.19	4.25	4.38	****	4.50	4.63	4.63		
	4		1.9	5.4	1.6	2.1	2.2	2.8	1.5	2.7	3.2					2.8	2.7	2.1	2.5	1:9	3.3	2.7	3.5				2:1	3.7	4.3	3.5	8.8	3.6	4.2	:	4:0	3.3	3.8	3.7	3.1	5.5	3.7	3.5	6.2	5.9	2.3	3.3	3.3	*:	2.7		
	d'A			1.9	1.7	2.2	2.3	2.6	2.0	2.8	200				0.7	2.0	3.7	3.3	3.9	3.5	1.1	2.0						*	5.1	6:4	4.6	2.0	5.4	5.5	5.5	2.5	2.5	2.1	5.4	2.0	6.5	9.0	9.6	9.6	2.5	6.2	6.2	6.1	6.6	· ut	
	•		1.4	1:0	1.4	1.8	1.6	2.1	1.4	2.2	2.5	2.5			1.0	9.2	5.6	2.2	2.6	2.1	2.8	2.5	2.0			000	6.2	3.2	3.5	3.2	2.8	3.2	3.5	3.5	3.6	3.2	3.6	3.6	3.5	2.8	3.6	3.6	3.2	3.5	2.8	3.5	3.5	3.8	3.1	- 1/8	•
	THERTIA		5.2	4.5	3.1	5.4	6.2	8.9	4.1	9.6	16.6					1	17.3	12.8	19.0	13.9	25.7	21.1	27.7	4.42		9.07	5062	37.4	45.5	38.6	31.0	39.8	6.84	50.6	52.1	41.8	54.3	24.7	45.0	35.5	57.7	58.8	47.8	47.9	37.6	62.4	65.5	75.0	20.1	0.1250	
311 11007	ZEL		1:1	1.9	1.9	2.5	2.8	3.2	2.8	3.7	4.6				•	1.0	6.5	6.1	7.6	7.4	7.7	7.9	8.6				6.6	10.2	10.6	11.0	11.0	11.2	11.0	12.7	13.0	12.8	14.3	14.8	14.6	14.0	15.8	16.7	16.2	16.8	16.1	18.7	19.1	17.1	18.7		
SECTION	7 PL		1.8	2.4	1.0		2.7	3.4	2.0	3.5	4-4		1.7				4.7	3.6	4.8	3.9	6.3	2.4	6-5	7.5		0.0		1:1		7.8	6.7	8.0	9.1	9.2	9.4	8.1	9.6	9.5	6.3	7.1	9.6	9.6	8.5	8.5	7.2		10.0				
1000	MILET			5.99	3.20	3.60	69.4	4.90	5.10	5.30	5.95	6. 30		•	•		7.24	7.45	8.09	6.50				10.00		07.07	10.40	10.64	10.85	11.05	11.25	11.25	11.49	11.90	12.10	12.10	12.75	12.95	13.19	13.40	13.60	14.04	14.25	14.45	14.89	15.10	15.30	15.74	15.74		
	32		.1681	.188T	.188T	-188T	.313T	.250T	.3131	.3137	.313T	26.07	25.0T		1010	1010	. 250T	.313T	.31.37	.313T	31		3		;;	1010	- 656	.3751	.3131	.3131	.313T	.4387	.375F	. 31.37	-438T	.3137	.3751	. 31.37	.3751	.438T	-438T	.375T	-438T	.3751	.438T	.438T	.375T	.375T	.438T		
	NAL STZE		1621.							188/	188/	188	1								2501	250/	2501	2501	250,	2000	1067.	1052.	-250/		.250/	.250/	.250/	1052.	.250/	.250/	.250/	1052.	-250/	1052.	-250/	.250/	1052.	.2507	.250/	1052.	.250/	.313/	.250/		
	NONTNAL			×	3×	3×	2X	2X	×						:	K,																					X4 X6		8x 5x		X5 X6					9x 5x	X6				

AREA	1.89	3.31	2.39	3.29	2.14	3.33	2.39	3.29	3.33	3.31	3.34	3.33	3.31	3.01		3.34		•	20.0			3.34					4.77	3.34	4.79	4.72	4.77	5.75		1	64.5	6.45		4.75	6.42	6.48	7.29	6.45	6.50
THICK	.436	.438	.438	.375	.430	.500	.438	.375	.500	.438	.563	.500	.438	.500	694.	. 563	. 500	.531	.200			.563	200	.656	.563	694.	.594	. 563	.656	694.	.594	.531		. 634		165.	.594	.531	.531	.656	.531	.594	.719
ťΞ	7.00	4.00	6.00	2.00	7.00	4.00	7.00	6.00	2-00	6.00	2.00	6.00	2.00	7.00	4.00			4-00		000		7.00		4	9.00	6.8	2.00	8.03	2.0	7.00	6.00				200	2.00	8-00	9.00	6.00	5.10	2.00	6.00	5.00
THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313			.313	2 4 5 8	375	.313	.375	.375	.313	.375	.375	.375	.375	.375	275	424	.438	.375	.375	.438	.438	.438	.438	.438
DEPTH	7.64	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.50	9.00		12.59	10.50	12.66	9.56	12.47	12.59	10.56	15.66	12.47	12.59	12.53	0	12.51	44.67	14.59	12.59	12.53	14.53	14.66	16.53	14.59	
AREA	4.81	4.88		5.00		7	5.31		5.63		6	-						9				7.06		7.13	M	m		9	7.78	7.78	-	N.	:	700		00.0	2	2		3.		9.	
4	2.2	4.3	3.1	4:1	2.5	4.1	5.9	3.9					3.5				3.3	5.1	2.0	1.2			3		2.6	4.6	4:1	3.0	4.5	*:	*		7.4			5.7	3.9	3.6	5.6	5.6	6.8	5.4	5.5
d.	5.4	6.3	6.9				6.7				7.0		7.1	6.7	7.3	7.3	7.3	1.5	6.0		3	1:1	2.5	2.9			8.1	7.7					•	•							•	9.3	9.3
~	2.7	3.6	3.5	3.8	3.1	3.9	3.5	3.8	3.8	3.8	3.8	3.8	3.8	3.4	:		3.8	4.5	4.5	*		4.7			3.3	4.5	4.5	3.7	4.5	4.5	4.5					5.1	***	*	5.1	5.1	5.7	5.1	5.1
INERTI	39.	79.6	4.99	81.2	53.2	84.1	69.7	9.98	6.06	91.8	95.3	96.8	96.8	19.5	136.0	101.3	101.8	142.8	93.2	6.20	146.1	109.2	106.2	155.3	999	156.8	161.4	:	168.0		•	173.5		10101		251.4			256.7			•	-
ZFL	18.3	18.7	4.15	19.8	21.1	4.02	24.2	\$5.22	23.9	6.42	6.52	27.3	27.9	27.2	55.9	29.7	30.7	6.75	28.7	2005	6.62	23.62	46.0	31.6	32.9	33.8	34.6	37.3		37.6	39.4	41.0	1.24	200		13.0			46.2		49.2	49.5	
ZPL ZPL	7.3	12.6	10.3	12.7	9.9	12.9	10.4	13.0	13.3	13.4	13.6	13.7	13.6	11.9	18.5	13.9	13.9	18.9	15.1	15-1	19.5	19.5		19.7	12.3	19.7	20.0	14.4	20.4	20.2		50.6	6-02	21.0	27.70	28.0	21.4	21.3	28.2	28.5	34.0	28.8	29.0
T/FT	6.35	6	65.9	7.00	7.20	7.44	9.05	8.29	9.14	25	0.50	99.0	1.05	1.45	1.69	2.10	5.54	2.54	56.2	3.15	3.20	24.80					-	-	•	•				סיי	м.				31.65			N	
SIZE	.438T	.438T	.43 BT	.37 ST	.438T	.500T	.438T	.375T	.500T	.438T	. 563T	.500T	.436T	.500T	1694.	.5631	. 500T	.531T	. 5631	1006.	1604.	14650	. Son	.656T	. 563T	1694.	. 594T	. 563T	.656T	1694.	1.66.	.5317	-6561		- 201	1964	1965	.531T	.531T	1959.	.5311	1465°	.7191
	2	.313/							.313/	.313/	.313/	.313/	.313/	.313/	.375/	.313/	.313/	.375/	. 313/	.513/	.3757	315/	12.12	375/		.375/		.313/	.375/	.375/	.375/	.375/		177		1884	375/	.375/	.438/	.438/	.438/	.438/	.438/
NONINAL	×	*	¥9	×	×	¥	×									8×						* :				<b>8</b> X							T (d)	2:						2×	3		
	X	10X	X6	10×	×	TOX	8×	10×	10X	10×	1 0×	10×	TOX	8	12x	10×	XO.	15X	8 G	¥ !	17X	X21		12X	×6	12X	12×	10X	12x	12x	12X	12X	X21	124			12x	12x	14X	14X	16X	14×	14×

		NOT TOUC	2000	2						847	-	EI ANGE	MANA
100	17/57	701	751	THEBTTA	•		4 2	ADEA	DEBTU	TUTCK	LTOTE	THICK	ADEA
NUMBER STEE	-	11.	1300	THERITA			-	AREA	מבייות	201	2000	2010	2
1617. 100c. X21		24.5	150.9	7.621		13.5		17.65	10.72	006.	12.00	6113	3.44
18X10X .500/ .875T	.09	55.0	130.7	735.7		13.4		17.75	18.88	.500	10.00	.875	9.5
8X .625/ .875T		80.8	145.9	1135.7	7.4	14.1	6	20.13	21.88	.625	8-00	.875	13.7
10x .625/ .750T		81.4	150.9	1156.2	7.4	14.2	7.7	20.63	21.75	.629	10-00	.750	13.6
.625/		82.4	154.8	1183.0	7.4	14.4	7.6	21.00	21.88	.625	9.00	.875	13.7
11X .625/ .750T		95.6	161.3	1194.8	7.4	14.5	7.4	21.38	21.75	.625	11.00	.750	13.6
.625/	74.	83.7	166.8	1226.8	7.4	14.7	7.4	21.88	21.88	.625	10-00	.075	13.7
.625/1	79.	86.5	182.5	1305.8	7.4	15.1	7.2	23.25	22.13	.625	9.00	1.125	13.9
.625/		86.1	190.2	1304.4	7.3	15.1	6.9	23.63	21.88	.625	12-00	.875	13.7
.6887	.28	110.8	190.3	1751.6	4.0	15.8	9.2	24.38	24.68	.688	9.00	.875	17.2
.625/	83.	87.1	202.0	1339.3	7.3	15.4	9.	24.50	21.88	.625	13-00	.875	13.7
1889.		112.8	203.9	1816.6	8.4	16.1	6.9	25.25	24.88	.688	10.00	.875	17.2
21X14X .625/ .875T	.98	88.0	213.5	1371.7	7.3	15.6	3.	25.38	21.88	•629	14-00	.875	13.7
.688/1		114.3	205.1	1853.6	4.0	16.2	9.0	25.50	25.13	.688	8.00	1.125	17.3
.688/		114.7	217.5	1877.2	9.6	16.4	9.9	26.13	24.88	.688	11.00	.875	17.2
9x .688/1.125T		116.5	222.5	1931.1	4.0	16.6	6.7	26.63	25.13	.688	9.00	1.125	17.3
24X12X .688/ .875T	91.80	116.2	231.2	1934.1	4.0	16.6	*	27.00	24.88	.688	12-00	. 875	17.2
13X .688/ .875T		117.7	244.7	1987.5	4.0	16.9	-	27.88	24.88	.688	13.00	.875	17.2
24X11X . 688/1.125T		120.3	256.4	2068.0	8.4	17.2	6.1	28.88	25.13	.688	11-00	1.125	17.3
		149.1	247.7	2630.3	9.4	17.6	10.6	29.52	28.13	.750	9.00	1.125	21.1
		149.9	261.5	2668.2	9.6	17.8	10.2	29.88	27.88	.750	11-00	.875	21.0
		152.2	267.2	2740.0	9.6	18.0	10.3	30.38	28.13	.750	9.00	1.125	21.1
		152.1	276.8	2749.4	9.6		9.9	30.75	27.88	.750	12.00	. 875	21.0
27X10X .750/1.1257	107.10	155.0	286.5	2842.0	9.6	18.3	9.9	31.50	28.13	.750	10.00	1.125	21.1
		157.5	305.9	2937.0	9.6	18.7	9.6	32.63	28.13	.750	11-00	1.125	21.19
		178.2	316.5	3249.9	4.6	18.2	10.3	36.00	28.38	.875	9.00	1.375	24.9
30X10X .875/1.3757		217.9	391.8	4410.9	10.4	20.2	11.3	40.00	31.38	.875	10-00	1.375	27.5
		218.7	412.8	4466.3	10.4	20.4	10.8	40.88	31.13	.875	13.00	1.125	27.3
•		221.4	417.8	4.659.5	10.4	50.6	10.9	41.38	31.38	.875	11-00	1.375	27.51
		221.4	434.4	4583.7	10.4	20.7	10.6	45.00	31.13	.875	14.00	1.125	27.3
30X14X .875/1.375F	154.	230.2	435.7	4952.2	10.4	21.5	10.0	45.50	31.38	.875	14.00	1.375	27.5
33X10X1.000/1.500T	153.	290.2	491.8	6319.4	11.4	21.8	12.9	48.00	34.50	1.000	10-00	1.500	34.63
33X11X1.000/1.375T	163.	589.9	4.36.4	6314.5	11.4	21.8	12.7	48.13	34.38	1.000	11.00	1.375	34.5
36x13x1.000/1.125T	172.	333.9	553.9	7761.4	12.3	23.2	14.0	50.63	37.13	1.000	13.00	1.125	37.2
13X1.000/1.375T	172.	298.3	554.2	6691.3	11.4	4.22	15.1	50.88	34.38	1.000	13.00	1.375	34.5
11X1.000/1.375T	173.	337.5	2.095	7902.4	15.4	23.4	14.1	51.13	37.38	1.000	11.00	1.375	37.5
36x10x1.000/1.750T	161.90	349.0	9.209	8396.6	12.5	24.1	13.8	53.50	37.75	1.000	10-00	1.750	37.6
16X1.000/1.375T	187.	308.7	640.3	7186.8	11.4	23.3	11.2	95.00	34.38	1.000	16.00	1.375	34.5

		FT 270 NETLA RATION AND CONTROL OF THE PROPERTY OF THE PROPERT		mususswangansangan-a	11111111111111111111111111111111111111		A
1.   2.   2.   2.   2.   2.   2.   2.	10   2   5   5   5   5   5   5   5   5   5	55         2.5         1.4         3.0         1.4         1.4           20         2.6         1.9         3.7         1.6         1.6           3.7         3.9         1.0         1.6         1.6         1.6           3.7         3.0         4.6         3.9         1.1         1.6         1.6           3.6         3.9         1.1         6.5         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6			11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 12.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25 13.25		24.24.25.25.25.25.25.25.25.25.25.25.25.25.25.
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1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0   1.0	10   1   10   10   10   10   10   10	20 2.6 1.9 3.7 1.5 1.9 1.0 2.0 3.7 1.0 3.7 1.0 2.0 3.7 3.0 4.0 5.0 1.0 6.5 1.0 5.0 1.0 6.5 1.0 5.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6			11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 12.125 12.125 12.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13.125 13		22.000000000000000000000000000000000000
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13   1	23.1         4.66         3.7         3.7         3.6         2.6         3.6         4.3         4.3         4.66         3.7         3.7         3.6         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.6         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7         3.7<	69 33.7 33.0 7.5 1.0 6.2 2.2 3.0 6.0 6.0 3.4 11.0 6.2 2.2 2.2 2.2 3.0 6.0 6.0 5.1 11.0 6.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2					20000000000000000000000000000000000000
3.1         4.9         4.6         3.6         4.9         3.1         1.14         5.2         1.14         5.2         1.14         5.2         1.14         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         1.16         5.2         5.2         1.16         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2         5.2	2.91         4.96         3.6         3.6         3.7         1.16         2.2         2.3         3.1         1.46         5.20         1.06         5.21         1.06         5.20         1.06         5.31         1.06         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00<	90					20100000000000000000000000000000000000
5.10         2.9         3.0         11.0         5.1         1.5         3.31         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         11.0         5.0         5.0         5.0	5.10         5.10         5.10         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5<	10 2.9 3.0 5.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5					20.11 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00
9.30         9.40         3.9         11.0         2.2         2.5         3.0         1.5         5.31         1.10         2.0         3.0         1.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.	9.30         4.8         3.9         11.0         2.2         2.5         3.0         1.56         5.31         .100         2.0         3.1         6.00         6.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00 </td <td>30</td> <td></td> <td></td> <td></td> <td></td> <td>22.000.000.000.000.000.000.000.000.000.</td>	30					22.000.000.000.000.000.000.000.000.000.
5.95         5.9         4.9         17.4         2.6         2.9         3.5         1.75         6.31         1.75         6.31         1.75         6.31         1.95         6.31         1.96         6.25         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31         1.96         6.31	6.68         6.99         3.5         1.75         6.68         3.99         3.99         4.99         1.75         6.68         6.89         3.99         4.99         6.68         6.89         3.99         4.99         6.68         6.89         1.99         6.68         4.99         6.68         1.99         6.25         1.99         6.68         1.99         6.25         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.69         1.99         6.89         2.10         6.99         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99         6.89         1.99	95 5.9 4.9 17.4 2.6 2.8 3.9 6.0 6.2 6.9 10.6 2.6 3.8 2.9 2.0 10.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0				000000000000000000000000000000000000000	200000000000000000000000000000000000000
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13.60 12.1 16.6 67.4 3.7 5.6 4.0 4.00 9.44 .250 4.80 14.04 12.2 17.8 68.8 3.7 5.7 3.9 4.13 9.38 .250 5.00 14.45 10.6 17.3 56.6 3.4 5.3 3.3 4.19 8.44 .250 5.00 14.45 10.6 17.8 56.6 3.4 5.3 3.2 4.25 8.38 .250 6.00 14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 15.30 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .250 5.00 15.30 12.4 20.3 73.5 4.0 5.8 4.50 15.3 10.38 .313 4.00 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.53 10.38 .313 4.00	13.60 12.1 16.8 67.4 3.7 5.6 4.0 4.00 9.44 .250 4.00 4.38 2 14.04 12.2 17.8 68.8 3.7 5.7 3.9 4.13 9.38 .250 5.00 .375 2 14.05 10.6 17.3 56.6 3.4 5.3 3.3 4.29 8.44 .250 5.00 .375 2 14.45 10.6 17.8 56.9 3.3 5.3 5.2 4.25 8.38 .250 6.00 .375 2 15.10 12.4 19.8 73.3 2.9 5.0 2.6 4.38 7.44 2.50 6.00 .438 2 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .250 6.00 .438 2 15.3 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 .375 2 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2	.60 12.1 16.8 67.4 3.7 514 12.2 17.8 66.8 3.7 525 10.6 17.3 56.6 3.4 545 11.6 17.8 56.9 3.3 5.	6				1.90
14.04 12.2 17.8 66.8 3.7 5.7 3.9 4.13 9.38 .250 5.00 14.25 10.6 17.3 56.6 3.4 5.3 3.3 4.19 8.44 .250 5.00 14.25 10.6 17.8 56.8 3.3 5.3 5.3 5.2 6.36 7.44 .250 6.00 15.30 9.1 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 15.30 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 9.44 .250 5.00 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 15.30 14.7 14.7 18.1 85.5 4.0 5.8 4.7 4.53 10.38 .313 4.00 15.34 10.34 13.3 4.00	14.04 12.2 17.8 56.6 3.7 5.7 3.9 4.13 9.36 .250 5.00 .375 2 14.25 10.6 17.3 56.6 3.4 5.3 3.3 4.19 8.44 .251 5.00 .436 2 14.45 10.6 17.0 56.9 3.3 5.3 3.2 4.35 8.36 .250 6.00 .436 2 14.59 9.1 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 .436 1 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .259 5.00 .438 2 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.36 .250 6.00 .375 3 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3	.04 12.2 17.8 66.8 3.7 5. .25 10.6 17.3 56.6 3.4 5. .45 10.6 17.8 56.9 3.3 5.	4 0 . 4	6 0		00	2.40
14.25 10.6 17.3 56.6 3.4 5.3 3.3 4.19 8.44 .250 5.00 14.45 10.6 17.8 56.9 3.3 5.3 3.2 4.25 8.38 .250 6.00 14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .259 5.00 15.74 14.7 18.1 85.5 4.0 5.8 4.5 4.50 9.38 .250 6.00 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.53 3.6 4.50 3.3 8.44 .259 5.00	14.25 10.6 17.3 56.6 3.4 5.3 3.3 4.19 8.44 .250 5.00 .436 2.14.45 10.6 17.8 56.9 3.3 5.3 5.2 4.25 8.38 .250 6.00 .375 2.14.45 10.6 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 .436 1.15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .250 5.00 .438 2.15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 .435 2.15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 .375 2.15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3.15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2.	.25 10.6 17.3 56.6 3 .45 10.6 17.8 56.9 3	3.9 4	3 9		00	2.38
14.45 10.6 17.8 56.9 3.3 5.3 3.2 4.25 8.38 .250 6.00 14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.38 7.44 .250 6.00 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .250 5.00 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00	14.45 10.6 17.8 56.9 3.3 5.3 3.2 4.25 8.38 .250 6.80 .375 2. 14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.38 7.44 .250 6.80 .438 1. 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .250 5.80 .438 2. 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.80 .375 2. 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3. 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2.	.45 10.6 17.8 56.9 3	.3 4	•		20	2.15
14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.38 7.44 .250 6.00 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .258 5.00 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 15.74 14.7 19.3 15.5 4.0 5.8 4.7 4.5 10.38 .313 4.00 15.74 14.7 19.3 6.4 3.3 4.3 4.00	14.89 9.1 17.2 45.3 2.9 5.0 2.6 4.36 7.44 .250 6.00 .438 1 15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .259 5.00 .438 2 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.38 .250 6.00 .375 2 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2		.2.	2 8		:	2.13
15-10 12-4 19-8 73-3 3-7 5-9 3-7 4-44 9-44 -259 5-00 15-30 12-4 20-3 73-5 3-7 5-9 3-6 4-50 9-38 -250 6-00 15-74 14-7 18-1 85-5 4-0 5-8 4-7 4-53 10-38 -313 4-00 15-74 17-7 10-9 19-9 6-14 3-3 5-5 5-0	15.10 12.4 19.8 73.3 3.7 5.9 3.7 4.44 9.44 .259 5.00 .438 2 15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.36 .250 6.00 .375 2 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2	.89 9.1 17.2 45.3 2	4 9.	2 8		00	1.90
15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.36 .250 6.00 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 15.74 17.74 10.9 19.9 60.4 3.3 6.6 3.0 6.63 8.64 250 6.00	15.30 12.4 20.3 73.5 3.7 5.9 3.6 4.50 9.36 .250 6.00 .375 2 15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2	·10 12.4 19.8 73.3 3	.7 4	6 4		00	2.40
15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00	15.74 14.7 18.1 85.5 4.0 5.8 4.7 4.63 10.38 .313 4.00 .375 3 15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2	.30 12.4 20.3 73.5 3	4 9.	6 0		00	2.38
15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00	15.74 10.9 19.9 60.4 3.3 5.6 3.0 4.63 8.44 .250 6.00 .438 2	.74 14.7 18.1 85.5 4	.7 4.	3 10.		00	3.30
חוום חוום הווים		.74 10.9 19.9 6		3 8.		00	2.15

	SHEAR	AREA	1.90	3.32	2.48	3.30	2.15	3.34	2.40	3.30	3.34	3.32	3.35	3.34	3.32	3.02	4.73	3.35	3.34	4.76	3.04	3.02	4.73	4.78	3.35	3.34	4.81	3.04	4.73	4.78	3.35	4.81	4.73	4.78	4.76	4.81	4.78	4.76	6.43	94.9	4.78	4.76	6.43	6.49	7.31	94.9	6.52
*******	MGE	THICK	.438	.438	.438	.375	.438	.500	.438	.375	.500	.438	.563	.500	.438	.500	694.	.563	.500	.531	.563	.500	694.	*65.	.563	.500	.656	.563	694.	165.	.563	969.	694.	165.	.531	959.	.594	.531	.531	*65*	.594	.531	.531	.656	.531	.594	.719
2	FLANGE	HIOIM	7.00	4.00	6.00	5.00	2.00		7.00	6.00	5.00	6-00	5.00	6.00	7.80	7.00	4.00	9.00	7.00	4.00	7.00	8.00	5.00	4.00	7.00	9.00	***	8.00	6.00	2.00	8-80	2.00	7.00	6.00	7.00	6.00	7.00	8.00	2.00	2.00	9.00	9.00	6.00	5.00	2.00	6.00	2.00
1 DIMENSIONS	MEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375	.313	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.438	.438	.438	.438
BEA		DEPTH		***	9.44	.36	***	10.50	9.44	10.38	10.50		10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50		12.59	10.56	10.50	12.66	9.56	12.47	12.59	10.56	12.66	12.47	12.59	12.53	12.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53	14.66	16.53	14.59	14.72
*******		AREA	4.81	4.88	4.88	5.00		7	m	5.38	9	5.75	5.94	6.13	6.19	6.31	6.38	6.50	6.63	6.63	6.75	6.81	6.84	99.9	7.06	7.13	7.13	7.31	7.31	7.47	7.63	7.78	7.78	90.8	N	9.44	99.8	8.75	8.78	60.6	9.25	9.28		9.41	99.6	9	~
		YF	4.2	4.6	3.4		8.2	* . 4	3.2	4.2	1:1			3.8	3.6	3.2	9.6	3.7	3.6	5.4	3.1	3.0	2.5	5.3	3.5	3.4	5.5	5.9	6.4	6.4	3.2	*:8	4:1	4.6	4.5	4.5	4:4	4.3	6.1	9.0	4:1		5.8			5.7	2.8
		4	2.5	6.0	6.2	6.1	5.8	2.9	4.9	4.9	6.9	9.9	6.7	9.9	6.8	4.9	7.1	2.0	7:1	7.3	9.9	9.9		1:4	7.3	7.3	7.6	9.9	7.7	7.8	2.5	8.0	4.9	9.1		8.3	4.6	4.6	9.6	1.9	9.8	9.6	6.9	6.0			
		œ	5.9	4.0	3.7	4.0	3.3	4.0	3.7				4.0			3.6	4.6			4.6	3.6	3.6	4.6	4.6	3.9	3.9	4.7	3.5	4.6	1.4	3.9	4.7	4.6	4.6	4.6	4.6	4.6	4.6	2.5	5.3	4.6	4.6	5.3	5.3	5.9	5.3	5.3
		INERTIA	47.7	6.06	78.2	95.8	63.5	96.0	82.4	99.1	104.1	105.3	109.3	111.1	111.2	92.3	151.5	116.4	117.1	159.0	96.8	96.5	163.9	166.2	122.5	122.4	173.1	100.9	174.9	180.0	127.9	187.5	184.7	192.0	194.0	199.8	202.5	203.0	263.2	274.7	211.8	211.2	280.6	285.8	362.9	292.9	296.4
	MODULUS	ZFL	19.5	19.8	22.8	50.9	22.5	21.6	25.7	23.7	25.3	26.3	27.4	58.9	29.5	28.8	27.3	31.4	32.5	29.3	31.4	32.0	31.4	31.4	35.4	36.1	33.2	34.9	35.4	36.4	39.4	38.8	39.5	41.4	43.0	2.44	40.4	47.4	42.9	45.8					51.3		51.4
	SECT ION	ZPL	9.3	15.1	12.7	15.2	11.0	15.5	12.9	15.6	15.9	16.0	9	16.3	16.3	14.3	21.4	16.6	16.6	21.9	14.6	14.5	22.1	22.3	16.9	16.8	22.7	14.8	22.7	23.1	17.1	23.5	23.2	23.7	23.7	24.1	24.2	24.1	30.8	31.4	54.6	54.5	31.7	32.0	37.8	32.3	35.6
		MT/FT	16.35	16.59	16.59	17.00	17.20	17.44	18.05	•	19.14	19.55	20.20	20.84	21.05	21.45	21.69		22.54		25.95	23.15	23.26	23.39	24.00	24.24	24.24	24.85	24.85	25.40	58.94	54.92	54.92	27.40	27.95	28.70	59.44	29.75	29.85	30.91	31.45	31.55	31.65	31.99	32.84	32.95	33.05
			.438T	.438T	.438T	.375T	-438T	.500T	.438T	.3751	.500T	.438T	. 563T	.500T	.436T	-500T	1694.	.5631	. 500T	.5311	.563T	.500T	1694.	. 594T	.563T	.500T	1959*	.563T	1694.	1965.	.563T	.656T	1694·	1465.	.531T	.656T	1965.	.531T	.531T	1465.	1965.	.531T		.656T	.531T	1965.	719
		S											.313/						.313/			.313/																									
		HOP	×	×		2X				<b>9</b>	2X		2×	¥9											X.	8×		×								¥9								5×			
			X.	1 0X	×6	10X	8×	10X	¥6	10X	10×	10X	10X	10X	10x	8	12X	10X	10X	12X	X6	<b>6</b>	12X	12X	10x	10×	12X	X6	12X	12X	10X	12x	1 4×	14X	12x	12X	14X	14X	16x	14X	14X						

0.1563 - 5/32 in.

.156 IN. PLATE (AREA = .83 SQ.IN.)

DEPTH THICK NIDTH THICK AREA 18.72 - 50.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 51.00 - 5	,						047		400	CHEAD
18.72	SECTION MODULUS	4 A							THICK	SHEAR
21.06 .500 10.00 .075 21.06 .625 10.00 .075 21.08 .625 10.00 .075 22.03 .625 10.00 .075 22.03 .625 10.00 .075 22.08 .625 10.00 .075 22.08 .625 10.00 .075 22.08 .625 14.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .626 10.00 .075 22.08 .750 10.00 .075 22.08 .750 10.00 .075 22.08 .750 10.00 .075 22.08 .750 10.00 .075 23.08 .750 10.00 .075 23.08 .750 10.00 .075 23.08 .750 10.00 .075 23.08 .750 10.00 .075 23.08 .750 10.00 .075 24.08 .750 10.00 .075 25.13 .000 10.00 1.375 25.13 .000 10.00 1.375 25.13 .000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375 25.13 1.000 10.00 1.375	OF 50.2 135.1 777.2 6.5 13.1 5.8	A 13.1 S.A			-				710	D. LL
21.06         .625         0.00         .875           21.75         .625         10.00         .875           21.86         .625         10.00         .875           22.13         .625         10.00         .875           22.13         .625         10.00         .875           21.86         .625         10.00         .875           24.88         .625         12.00         .875           25.13         .686         10.00         .875           25.13         .688         10.00         .875           25.13         .688         11.00         .875           26.13         .688         11.00         .875           26.13         .688         11.00         .875           27.88         .688         11.00         .875           28.13         .750         11.00         .875           28.13         .750         11.00         .875           28.13         .750         10.00         .875           28.13         .750         10.00         .875           28.13         .750         10.00         .875           21.30         .875         11.00	5 59.7 134.9 788.2 6.5 13.2 5.8	6.5 13.2 5.8			1				.875	9.52
21.75         .625         10.00         .750           21.86         .625         9.00         .875           21.80         .625         11.00         .875           22.13         .625         11.00         .875           21.86         .625         12.00         .875           21.86         .625         12.00         .875           21.86         .625         13.00         .875           21.86         .625         14.00         .875           21.86         .625         14.00         .875           22.13         .686         11.00         .875           24.86         .686         12.00         .875           25.13         .686         12.00         .875           25.13         .686         13.00         .875           25.13         .686         13.00         .875           26.13         .750         11.00         .875           26.13         .750         11.00         .875           27.88         .750         11.00         .875           28.13         .750         11.00         .875           28.13         .750         11.00	44 86.0 146.5 1193.8 7.5 13.9	7.5 13.9	13.9 8.1	8.1	20				.875	13.77
21.00 21.00 .625 9.00 .075 21.38 21.75 .625 11.00 .750 23.25 22.13 .625 11.00 .075 24.38 21.00 .625 11.00 .075 25.25 22.13 .625 12.00 .075 25.25 24.00 .625 13.00 .075 25.25 24.00 .625 14.00 .075 25.30 25.13 .600 11.00 .075 25.50 25.13 .600 11.00 .075 25.00 25.13 .600 11.00 .075 27.00 24.00 .680 13.00 .075 29.25 20.13 .750 9.00 1.125 30.30 20 25.13 .750 9.00 1.125 31.50 20.13 .750 11.00 .075 31.50 20.13 .750 11.00 .075 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 .075 11.00 1.375 40.00 31.30 1.000 11.375 40.00 31.30 .000 11.00 1.375 40.00 37.30 1.000 11.00 1.375 40.00 37.30 1.000 11.00 1.375 40.00 37.30 1.000 11.000 1.375 40.00 37.30 1.000 11.000 1.375 40.00 37.30 1.000 11.000 1.375	14 86.6 154.6 1215.6 7.5 14.0	7.5 14.0	14.0 7.9	7.9					.750	13.69
21.38         21.75         .625         11.00         .750           21.68         21.80         .625         10.00         .875           23.63         21.80         .625         12.00         .875           24.50         21.80         .625         13.00         .875           25.25         24.80         .625         13.00         .875           25.26         24.80         .625         13.00         .875           25.30         25.13         .680         11.00         .875           25.51         25.60         8.60         11.00         .875           26.53         25.13         .680         11.00         .875           27.60         .680         11.00         .875           27.60         .680         11.00         .875           27.60         .750         11.25           29.25         26.13         .750         11.25           29.26         26.13         .750         11.25           30.30         28.13         .750         11.25           31.51         .875         11.00         11.25           40.00         31.33         .875         14.00 <td< td=""><td>40 87.6 158.7 1243.7 7.5 14.2</td><td>7.5 14.2</td><td>14.2 7.</td><td></td><td></td><td></td><td></td><td></td><td>.875</td><td>13.77</td></td<>	40 87.6 158.7 1243.7 7.5 14.2	7.5 14.2	14.2 7.						.875	13.77
23,25 22,13 .625 10,00 .875 23,25 22,13 .625 10,00 .875 24,38 24,88 .625 13,00 .875 25,38 24,88 .688 10,00 .875 25,38 25,13 .688 10,00 .875 25,53 25,13 .688 11,00 .875 25,53 25,13 .688 11,00 .875 27,00 24,88 .688 12,00 .875 29,28 25,13 .688 11,00 .875 29,28 25,13 .750 9,00 1.125 30,38 28,13 .750 9,00 1.125 31,50 28,13 .750 10,00 1.125 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,08 31,13 .875 11,00 1.375 40,01 34,38 1.000 11,00 11,375 51,13 37,75 1.000 11,375 51,13 37,75 1.000 11,375 51,13 37,75 1.000 11,375	69 87.8 165.3 1256.4 7.5 14.3	1 7.5 14.3	14.3 7.	-					.750	13.69
23.25         22.13         .625         9.00         1.125           23.63         21.88         .625         12.00         .875           24.50         21.88         .625         13.00         .875           25.25         24.88         .625         14.00         .875           25.38         21.88         .625         14.00         .875           25.51         24.88         .688         11.00         .875           27.00         24.88         .688         12.00         .875           27.00         24.88         .688         12.00         .875           27.00         24.88         .688         13.00         .875           27.00         24.88         .688         13.00         .875           27.00         24.88         .688         13.00         .875           29.80         27.30         11.00         .875           30.75         27.00         11.25         .875           31.50         28.13         .750         11.00         .875           40.80         31.13         .875         14.00         1.125           40.80         31.30         .875         14.00	39 69.0 170.9 1290.1 7.5 14.5	1 7.5 14.5	14.5 7.	-					.875	13.77
25.63 21.88 .625 12.00 .875 24.58 24.86 .688 10.00 .875 25.25 24.86 .688 10.00 .875 25.50 25.13 .688 11.00 .875 25.51 25.13 .688 11.00 .875 27.00 24.88 .688 12.00 .875 27.00 24.88 .688 12.00 .875 27.00 24.88 .688 12.00 .875 27.00 24.88 .688 11.00 1.125 27.00 25.13 .688 11.00 1.125 29.25 28.13 .750 9.00 1.125 30.38 28.13 .750 9.00 1.125 31.50 28.13 .750 9.00 1.125 32.63 28.13 .750 11.00 1.125 40.88 31.13 .875 11.00 1.125 40.88 31.13 .875 11.00 1.375 40.88 31.38 .875 11.00 1.375 40.88 34.38 1.000 11.00 1.375 48.13 34.38 1.000 11.00 1.375 48.13 34.38 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375	05 91.9 187.0 1373.0 7.6 14.9	7.6 14.9	14.9 7.	-					1.125	13.93
24,38         24,68         668         9,00         675           24,50         21,88         625         13,00         675           25,38         21,88         625         14,00         675           25,38         21,88         625         14,00         675           25,50         25,13         688         11,80         675           26,63         25,13         688         12,00         675           27,00         26,63         68         12,00         675           27,00         26,13         750         10,00         11,25           27,00         26,13         750         11,00         11,25           27,00         27,00         11,00         11,25         12,55           29,25         28,13         750         11,00         11,25           29,26         27,00         750         12,00         11,25           29,27         28,13         750         11,00         11,125           30,35         28,13         750         11,00         11,125           31,50         28,30         28,50         11,00         11,125           40,00         31,13         875 <td>34 91.5 194.8</td> <td>.0 7.5 15.0 7</td> <td>15.0 7</td> <td>-</td> <td>.0 23,</td> <td></td> <td></td> <td></td> <td>.875</td> <td>13.77</td>	34 91.5 194.8	.0 7.5 15.0 7	15.0 7	-	.0 23,				.875	13.77
24,50         21,86         625         13,00         .875           25,25         24,86         .686         10,00         .875           25,50         25,13         .666         10,00         .875           26,13         24,86         .686         11,00         .875           26,63         25,13         .686         12,00         .875           27,86         26,13         .686         12,00         .875           27,86         26,13         .750         11,00         .875           29,25         28,13         .750         11,00         .875           29,25         28,13         .750         11,00         .875           30,30         28,13         .750         11,00         .875           30,75         27,86         .750         11,00         .875           30,75         28,13         .750         11,00         1.125           30,75         28,13         .750         11,00         1.125           40,00         31,36         .875         11,00         1.375           40,00         31,36         .875         14,00         1.375           40,00         31,36	89 116.7 194.4 1825.3 8.5 15.6	8.5 15.6	15.6 9	6	*				.875	17.22
25.25 24.86 .688 10.00 .875 25.38 21.86 .625 14.00 .875 25.13 24.86 .688 11.00 1.125 25.53 25.13 .688 12.00 .875 27.00 24.86 .688 12.00 .875 29.25 25.13 .688 11.00 1.125 29.86 27.88 .750 8.00 1.125 30.38 28.13 .750 9.00 1.125 31.50 28.13 .750 10.00 1.125 31.50 28.13 .750 10.00 1.125 40.88 31.38 .875 11.00 1.375 40.88 34.38 1.000 11.00 1.375 40.89 34.38 1.000 11.00 1.375 40.63 37.38 1.000 11.00 1.375 40.63 37.38 1.000 11.375 40.63 37.38 1.000 11.375 40.13 34.38 1.000 11.375 40.13 34.38 1.000 11.375 40.13 34.38 1.000 11.375 40.13 37.38 1.000 11.375 40.13 37.38 1.000 11.375 40.13 37.38 1.000 11.001 1.375 40.13 37.38 1.000 11.001 1.375 51.13 37.38 1.000 11.001 1.375 51.13 37.38 1.000 11.001 1.375	30 92.6 206.8 1409.1 7.5 15.2	1 7.5 15.2	15.2 6	•					.875	13.77
25.38 21.88 .625 14.00 .075 25.51 25.13 .688 19.00 1.125 26.53 25.48 .688 11.00 1.125 27.00 24.88 .688 12.00 .075 27.00 24.88 .688 11.00 1.125 29.25 28.13 .750 8.00 1.125 30.38 28.13 .750 11.00 .075 31.50 28.13 .750 11.00 .075 31.50 28.13 .750 11.00 .075 31.50 28.13 .750 11.00 1.125 32.63 28.13 .750 11.00 1.125 40.08 31.13 .075 11.00 1.125 40.08 31.13 .075 11.00 1.125 40.08 31.38 .075 11.00 1.375 40.08 31.38 .075 11.00 1.375 40.08 34.38 1.000 11.00 1.375 40.01 34.50 1.000 11.375 40.03 37.38 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.38 1.000 11.00 1.375 50.63 37.38 1.000 11.00 1.375 50.63 37.38 1.000 11.00 1.375 50.63 37.38 1.000 13.00 1.375	85 118.7 208.2 1893.1 8.5 15.9	1 8.5 15.9	6	-	-	5			.875	17.22
25.50 25.13 .688 8.00 1.125 26.13 24.88 .688 11.00 .875 27.00 24.88 .688 12.00 .875 27.08 24.88 .688 13.00 .875 27.08 24.88 .688 13.00 .875 29.25 28.13 .750 9.00 1.125 30.38 28.13 .750 9.00 1.125 31.50 28.13 .750 11.00 1.125 32.63 28.13 .750 11.00 1.125 40.08 31.13 .875 14.00 1.125 40.08 31.38 .875 14.00 1.125 42.00 34.38 1.000 11.00 1.375 48.13 34.38 1.000 13.00 1.375 48.13 34.38 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375	29 93.5 218.6 1443.4 7.4 15.4	4 7.4 15.4			9				.875	13.77
26.13         24.86         .688         11.80         .875           26.63         25.13         .688         19.00         .875           27.60         24.86         .688         13.00         .875           27.60         25.13         .688         11.00         .875           29.25         28.13         .750         11.00         .875           29.25         28.13         .750         11.00         .875           30.38         28.13         .750         10.00         1.125           31.50         28.13         .750         11.00         1.125           32.63         28.13         .750         11.00         1.125           40.00         31.36         .875         11.00         1.125           40.00         31.38         .875         14.00         1.375           40.83         31.38         .875         14.00         1.375           40.85         31.38         .875         14.00         1.375           45.00         34.36         1.000         11.00         1.375           46.13         34.36         1.000         11.00         1.375           46.13         34.36 <td>70 120.2 209.4 1931.2 8.6</td> <td>9.8</td> <td>16.1</td> <td></td> <td>9.2 25</td> <td>_</td> <td></td> <td></td> <td>1-125</td> <td>17.40</td>	70 120.2 209.4 1931.2 8.6	9.8	16.1		9.2 25	_			1-125	17.40
26.63 25.13 .688 9.00 1.125 27.00 24.88 .688 12.00 .875 28.08 25.13 .688 11.00 .875 29.25 28.13 .750 8.00 1.125 30.38 28.13 .750 11.00 .875 31.50 28.13 .750 11.00 .875 32.65 28.13 .750 11.00 1.125 32.60 28.13 .750 11.00 1.125 40.00 31.38 .875 11.00 1.375 40.08 31.38 .875 11.00 1.375 42.00 31.38 .875 11.00 1.375 42.00 34.38 1.000 10.00 1.375 48.00 34.38 1.000 11.00 1.375 48.01 34.38 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.68 34.38 1.000 11.00 1.375 50.68 34.38 1.000 11.00 1.375 50.68 34.38 1.000 11.00 1.375 50.68 34.38 1.000 13.00 1.375 50.88 34.38 1.000 13.00 1.375	84 120.6 222.0	6.5	16.2			_			.875	17.2
27.00 24.88 .688 12.00 .875 29.68 27.33 .688 13.00 .875 29.25 26.13 .750 8.00 1.125 29.88 27.88 .750 11.00 .875 30.38 28.13 .750 9.00 1.125 31.57 27.88 .750 11.00 1.125 32.63 28.13 .750 11.00 1.125 32.63 28.13 .750 11.00 1.125 40.00 31.33 .875 11.00 1.375 40.08 31.38 .875 14.00 1.375 40.08 34.38 1.000 11.00 1.375 40.13 37.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375	54 122.5 227.1 2012.2 8.6	9.6	16.4		8.9 26.	_			1.125	17.4
27.66 24.66 .688 13.00 .875 29.68 25.13 .688 11.00 1.125 29.68 27.68 11.00 1.125 29.68 27.68 11.00 1.125 30.38 28.13 .750 11.00 1.125 30.75 27.68 .750 11.00 1.125 31.50 28.13 .750 11.00 1.125 32.63 28.38 .755 11.00 1.125 40.08 31.13 .875 19.00 1.375 40.08 31.13 .875 11.00 1.375 40.08 31.13 .875 11.00 1.375 40.08 31.13 .875 14.00 1.375 40.00 34.50 1.00 11.00 1.375 40.01 34.50 1.00 11.50 1.375 40.03 37.38 1.00 11.00 1.375 50.63 37.38 1.00 11.00 1.375 50.63 37.38 1.00 11.00 11.375 50.63 37.38 1.00 11.00 11.375 50.63 37.38 1.00 11.00 11.375 50.63 37.38 1.00 11.00 11.375 50.63 37.38 1.00 11.00 11.375 57.50 37.50 11.00 11.375 57.50 37.50 11.00 11.375 57.50 37.50 11.00 11.375	80 122.2 235.9 2015.9 8.5	9.5	16.5			_	-		.075	17.2
29.25 28.13 .750 8.00 1.125 39.26 27.48 .750 1.00 1.125 30.36 27.48 .750 1.00 1.125 30.75 27.88 .750 12.00 .875 31.50 28.13 .750 11.00 1.125 32.63 28.13 .750 11.00 1.125 40.88 31.13 .875 11.00 1.375 41.38 31.38 .875 11.00 1.375 45.50 31.13 .875 11.00 1.375 46.13 34.50 1.000 11.00 1.375 48.13 34.38 1.000 11.00 1.375 50.63 37.13 1.000 13.00 1.375 50.63 37.13 1.000 13.00 1.375 51.88 34.38 1.000 13.00 1.375 51.88 34.38 1.000 13.00 1.375 51.88 34.38 1.000 13.00 1.375 51.88 34.38 1.000 13.00 1.375	79 123.8 249.7 2071.8 8.5 16.7	8.5 16.7							.875	17.2
29.25 28.13 .750 8.00 1.125 30.38 27.88 .750 11.00 .875 30.75 27.88 .750 12.00 .875 31.50 28.13 .750 10.00 1.125 32.63 28.13 .750 11.00 1.125 36.00 28.38 .875 11.00 1.125 40.88 31.13 .875 11.00 1.125 42.00 31.38 .875 11.00 1.125 45.50 31.38 .875 14.00 1.125 48.00 34.50 1.000 11.00 1.375 48.13 37.38 1.000 11.00 1.375 50.88 34.38 1.000 11.00 1.375 51.13 37.38 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375	19 126.4 261.6 2155.4 8.5 17.0	8.5 17.0							1.125	17.4
29.66 27.66 .750 11.00 .675 30.38 28.13 .750 10.00 1.125 31.50 28.13 .750 10.00 1.125 32.63 28.13 .750 11.00 1.125 36.00 31.36 .875 10.00 1.375 40.88 31.13 .875 11.00 1.375 42.00 31.38 .875 11.00 1.375 45.50 31.38 .875 14.00 1.375 48.00 34.50 1.000 11.00 1.375 50.63 37.13 1.000 11.00 1.375 50.63 37.38 1.000 11.00 1.375 51.13 37.38 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375	45 155.6 252.2 2722.3 9.5 17.5	9.5 17.5	2	•					1.125	21.21
30.30 26.13 .750 9.00 1.125 30.75 27.80 .750 12.00 .875 32.63 26.13 .750 11.00 1.125 36.00 31.30 .875 19.00 1.375 40.80 31.13 .875 11.00 1.375 42.00 31.13 .875 11.00 1.375 45.50 31.30 .875 14.00 1.375 46.13 31.30 .875 14.00 1.375 46.13 34.30 1.000 11.00 1.375 50.80 34.30 1.000 13.00 1.375 51.13 37.30 1.000 13.00 1.375 51.13 37.30 1.000 13.00 1.375 55.00 34.30 1.000 13.00 1.375	59 156.4 266.1 2761.9 9.5 17.7	9.5 17.7	_						.875	21.03
30.75 27.86 .750 12.00 .075 31.50 20.13 .750 10.00 1.125 36.00 31.3 .75 10.00 1.375 40.00 31.3 .075 10.00 1.375 41.30 31.3 .075 11.00 1.375 45.50 31.3 .075 11.00 1.375 45.50 31.3 .075 11.00 1.375 46.55 10 31.3 .075 14.00 1.375 46.55 31.3 .075 14.00 1.375 46.13 37.3 1.000 13.00 1.375 51.8 34.3 1.000 13.00 1.375 51.8 34.3 1.000 13.00 1.375 51.8 34.3 1.000 13.00 1.375 51.8 37.3 1.000 13.00 1.375 51.8 37.3 1.000 13.00 1.375	.29 158.8 272.0	6.6	17.9						1-125	21.21
31.50 28.13 .750 10.80 1.125 32.63 28.13 .750 11.00 1.125 360.00 31.30 .750 10.00 1.375 40.88 31.13 .875 11.00 1.375 42.00 31.13 .875 11.00 1.375 42.00 31.38 .875 11.00 1.375 48.50 31.38 .875 14.00 1.375 48.13 34.38 1.000 11.00 1.375 50.63 37.13 1.000 13.00 1.375 51.88 34.38 1.000 13.00 1.375 51.8 34.38 1.000 13.00 1.375 51.5 37.38 1.000 13.00 1.375 51.5 37.38 1.000 13.00 1.375 51.5 37.38 1.000 13.00 1.375	7 281.7 2846.1 9.5 17.9	9.5 17.9			-11				.875	21.13
32.63 28.13 .750 11.00 1.125 36.00 28.36 .875 9.00 1.375 40.00 31.38 .875 13.00 1.375 41.38 31.38 .875 11.00 1.125 42.00 31.13 .875 14.00 1.125 45.50 31.38 .875 14.00 1.375 48.13 34.36 1.000 11.00 1.375 50.63 37.13 1.000 13.00 1.125 50.68 37.38 1.000 13.00 1.125 51.13 37.36 1.000 11.00 1.375 55.00 34.36 1.000 11.00 1.375	.10 161.6 231.6 2941.5 9.5 18.2	9.5 18.2							1.125	21.2
36.00 28.38 .875 9.00 1.375 40.08 31.38 .875 10.00 1.375 40.88 31.38 .875 11.00 1.125 42.00 31.38 .875 14.00 1.375 45.50 31.38 .875 14.00 1.375 45.50 31.38 .875 14.00 1.375 48.50 37.38 1.000 11.00 1.375 50.68 37.38 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375 51.13 37.38 1.000 11.00 1.375 53.50 37.75 1.000 11.00 1.375 55.00 34.38 1.000 11.00 1.375	.94 164.2 311.2 3040.0 9.5 18.5	9.5 18.5							1.125	21.2
40.00 31.36 .875 10.00 1.375 40.88 31.13 .875 11.00 1.125 42.00 31.38 .875 11.00 1.375 45.50 31.38 .875 14.00 1.375 46.00 34.50 1.000 10.00 1.375 46.13 34.36 1.000 11.00 1.375 50.88 34.36 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375 51.43 37.38 1.000 13.00 1.375 53.50 34.36 1.000 13.00 1.375	.40 184.8 321.5 3348.4 9.5 18.1	4 9.5 18.1							1.375	54.9
40.66 31.13 .675 13.00 1.125 41.38 31.38 .675 11.00 1.375 45.50 31.33 .675 14.00 1.375 46.00 34.50 1.000 10.00 1.375 46.13 34.36 1.000 11.00 1.375 50.63 37.13 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375 51.13 37.38 1.000 13.00 1.375 53.50 37.38 1.000 13.00 1.375	.00 225.2 397.4 4532.5 10.5 20.1	5 10.5 20.1							1.375	27.5
41.38 31.38 .875 11.00 1.375 42.00 31.13 .875 14.00 1.125 45.00 34.38 .875 14.00 1.575 46.13 34.36 1.000 10.00 1.575 50.63 37.13 1.000 13.00 1.275 51.13 37.38 1.000 13.00 1.275 51.13 37.38 1.000 13.00 1.375 53.50 37.78 1.000 11.00 1.375	.99 226.0 418.6 4592.1 10.5 20.3	1 10.5 20.3							1.125	27.36
42.00 31.13 .875 14.00 1.125 45.50 31.36 .875 14.00 1.375 48.13 34.50 1.000 11.00 1.500 1.00.63 37.13 1.000 13.00 1.125 50.68 37.13 1.000 13.00 1.125 51.13 37.38 1.000 11.90 1.375 51.13 37.38 1.000 11.90 1.375 55.00 34.38 1.000 10.00 1.375	9 228.8 423.6 4685.3 10.5	10.5	20.5		11.1 41	38 31.3			1.375	27.59
45.50     31.36     .075     14.00     1.375       48.00     34.50     1.000     10.00     1.500       48.13     34.36     1.000     13.00     1.125       50.66     34.36     1.000     13.00     1.125       51.13     37.36     1.000     11.00     1.375       53.50     34.36     1.000     10.00     1.750       55.00     34.36     1.000     16.00     1.375	.80 228.8 440.4 4710.9 10.5	10.5	20.6		_	_			1.125	27.38
\$6.00 34.50 1.000 10.00 1.500 1.500   \$6.13 34.36 1.000 11.00 1.375   \$50.63 37.13 1.000 13.00 1.125   \$50.68 34.36 1.000 13.00 1.375   \$53.50 37.36 1.000 11.00 1.375   \$53.50 37.75 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.00 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 16.00 1.375   \$55.000 34.36 1.000 1.000 1.000 1.375   \$55.000 34.36 1.000 1.000 1.000 1.375   \$55.000 34.36 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.0	.70 237.8 502.5 5089.7 10.5 21.4	10.5 21.4		-	Ξ.	_		14.00	1.375	27.5
\$60.13 34.36 1.000 11.00 1.375   \$0.63 37.13 1.000 13.00 1.125   \$0.68 34.36 1.000 13.00 1.375   \$1.13 37.36 1.000 11.00 1.375   \$5.50 37.75 1.00 10.00 1.375   \$5.00 34.36 1.000 16.00 1.375	.20 298.1 497.6 6460.2 11.5 21.7	11.5 21.7		•	_				1.500	34.66
50.66 34.36 1.000 13.00 1.125 50.66 34.36 1.000 13.00 1.375 51.13 37.36 1.000 11.00 1.375 53.50 37.75 1.000 10.00 1.750 55.00 34.36 1.000 16.00 1.375	.64 297.7 502.3 6455.4 11.5 21.7	11.5 21.7		•	-		Value		1.375	34.54
51.88 34.38 1.000 13.00 1.375 51.13 37.38 1.000 11.00 1.375 53.50 37.75 1.000 10.00 1.750 55.00 34.38 1.000 16.00 1.375	.14 342.4 559.9 7921.9 12.4 23.1	9 12.4 23.1	-	-	2		_		1.125	37.29
51.13 37.38 1.000 11.00 1.375 53.50 37.75 1.000 10.00 1.750 55.00 34.38 1.000 16.00 1.375	.99 306.3 560.6 6840.8 11.5 22.3	8 11.5 22.3	2				_		1.375	34.54
53.50 37.75 1.000 10.00 1.750 55.00 34.38 1.000 16.00 1.375	.84 346.0 566.9 8065.2 12.5 23.3	.2 12.5 23.3		-	4.2 51.	13 37.3	_		1.375	37.54
1 1.000 16.00 1	.90 357.7 614.2 8568.6	9.	24.0 1	-	4.0 53	.50 37.7			1.750	37.91
	187.00 316.9 647.4 7347.9 11.5 23.2 1	.9 11.5 23.2 1	23.2 1	-	1.3 55	.00 34.3	-	16.00	1.375	34.54

0.1563 - 5/32 in.

APFA		S	.42	. 55	.85	1.02	9	1.03	1.22	1.21	1.02		1.22	1.21	1.03	1.22	1.03	1.87	1.66	1.89	2.12	1.87	1.91	2.14	2.37	21.2	1.87	2.16	2.39	2.37	2.41	2.12	2.39	2 27	6.3	2.14	2.14	2.14.2.41	2.14 2.41 2.41	2.4.1 2.39 2.4.1 2.39	2. 2. 3. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	22.22.23.23.23.23.23.23.23.23.23.23.23.2	246484444 246444444444444444444444444444	2222222222
THTCK	188	.188	.188	.188	.313	.250	.313	.313	.313	.250	250	313	313	.250	.313	.313	.313	.313	.438	.375	.313	.313	.438	.375	.313	.313	.313	.438	.375	.313	.438	.313	.375	.313		.375	. 438	. 538	. 438 . 438 . 438			**************************************	**************************************	**************************************
TOT	2.00	2-00	3.00	3.00	2.00	2.00	3.00	2.00	2-00	3.00	00-4	4.00	3-00	7- 80	00-7		5.00	3.00	3.00	3.00	3.00	4.00	3.00	3.00	3.80	4.00	2.00	3.00	3.00	4.00	3.00	2.00	4-00	2.00	2.00		5.00	2.00	5.5	5.000	5		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
HID	112	.125	.125	.125	.188	.188	.188	.188	.188	188	188	188	188	1.08	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.258	.250	.250	.250	.250	.250	.250	.250	-	062.	.250	.250	.250	.250 .250 .250	.250 .250 .250 .250	22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	22.22.22.22.22.22.22.22.22.22.22.22.22.
DEPTH	3.19	4.19	-	4.19	4.31	5.25	3.31	5.31	6.31	6.25		4.31	6.31	•			5.31	7.31	6.44	7.38	8.31	7.31	7.44	8.38	9.31	8.31	7.31	8.44	9.38	9.31	9.44	8.31	9.38	9.31	8.38	7.44			9.44			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 c 0	\$ 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
AREA	.75	. 88	•6.	1.06	1.38	1.44	1.50	1.56	1.75	1.88	0	2.00	2.06	2.13	7		2.50	5.69	2.81	2.88	2.94	3.00	3.06	7	7	3.25	3.31	3.31	3.38	3.50	3.56	3.56	3.75	3.81	3.88	3.94		00.4	4.13	4.13		MINTE	t MM -	DIL MIN TIN
*	2.4	3.0	2.2			3.4	1.9	3.3	3.9				3.5	3.4			2.5		3.3	3.9	4.5							4.3	6:4	4:4	4.8		4.6	4.5	3.8	3.2	4.4			, m 9	****	*****	*****	
d.	1.0	1.4	1.2	1.6	1.7	2.0	1.6	2.2	2.6				3.0				3.0	3.5	3.3		3.9	3.8	3.8	4.1	*:	4.3				4.8										5.0	2000		2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.00 × 2.	
•	1.3	1.7	1.4	1.8	1.8	2.2	1.5	2.2	5.6			1.9	2.7	2.7	2.4	2.8	2.4	3.0	2.7	3.0	3.4	3.1	3.1	3.4	3.7	3.4	3.1	3.5	3.8	3.8	3.8	3.5	3.8	3.8	3.5	3.1	3.9		3.9	3.5	8 8 8 8 8 8	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 8 8 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9	93.83.89
THERT		6.1	4.3	7.6	8.7	12.2	6.0			21.6	16.8	12.1	24.0	24.6		2		35.0	29.5	37.9	1.94	39.3	40.6		9.09	52.3	43.0	24.0	65.1	67.5	9.69	57.1	73.0	73.7	62.0	20.0	17.8		79.6	0 0	000	0 0 0 M	O O O M C	0 0 0 M U U
751	1.5		2.0	2.7	3.1	3.6	3.1	4.1	5.5							٠.	8.2	8.7	6.9	7.6	10.3	10.5	10.7	11.4	11.9	12.3	12.3	15.6	13.2	14.2	14.5	14.4	16.0	16.5	16.3	15.7	17.6		10.	18.2	18.2	18.2	18.2	18.0 18.0 20.0 21.9
79	3.5	4.5	3.6	4.7	5.0	6.1	3.9			7.9							7.0	10.1	6.9	10.4	11.8	10.5	10.6	12.2	13.6	12.3	10.8	15.5	14.0	14.2	14.4	12.6	14.6	14.6	13.0	11.3	14.9		12.0	13.3	13.3	13.2 11.5	13.2 11.5 15.3	13.2
FT	S	9	~		69.4	06.4	5.10	5.30	5.95	6.39									9.55								2		*		-	-		6	:	*		•	•	. 0	500	W 4 00	W 4 80 4	WHOTEN
175	.188T	.188T	.188T	.188T	.3131	.250T	. 31 3T	.313T	.313F	.250T	250T	.3137	.3131	.250T	.313T	.313T	.313T	.313T	.438T	.3751	.3131	-313T	.438T	.375F	.3131	.3131	.3131	.4381	.3751	.3131	.438T	.3131	.3751	.3131	.3751	.4381	.438T	375T		.4387	.4387	.438T	.4387 .4387 .4387	4387 4387 4387 4387
	6	.125/	.125/	.125/	.188/	.188/	.186/	.188/	.188/	.188/	188/	.188/	.188/	.188/	188/	.188/	.188/	-250/	1052.	.250/	.250/	1052.	.250/	1052.	.250/	.250/	.250/	.250/	.250/	.250/	.250/	.250/	1052.	.250/	1052.	.250/	.250/	25		25	25	25	252 25	22222
INON	2X	2x	80-					2×	2X	3×	×	×	6x 3x	×	×	×							3×	3	×	×	2×	×	3×	ž	×	2	×	×	2 ×	7x 5x								
	SIJE MIJET DOUGLON TOUGHOUTS ON VE ABEA DEPTH THICK ABE	INAL SIZE WI/FI ZPL ZFL INERTIA R YP YF AREA DEPTH THICK MIDIN THICK ARE 125/ 1881 2-55 3-4 1-5 3-4 1-3 1-0 2-4 -75 3-19 -125 2-00 -188 -4	SIZE MI/FI ZPL ZFL INERTIA R YP YF AREA DEPTH THICK HIDTH THICK ARE S/ .1887 2-55 3-4 1-5 3-4 1-3 1-0 2-4 -75 3-19 .125 2-00 .186 .45 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 .188 -55 -1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 .125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 -125 2-00 -188 -55 5/ .1887 2-99 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 -125 2-0 6-1 8-1 8-1 8-1 8-1 8-1 8-1 8-1 8-1 8-1 8	SIZE MI/FI ZPL ZFL INERTIA R YP YF AREA DEPTH THICK HIDTH THICK ARE S. 186 .45 2.55 3.4 1.5 3.4 1.3 1.0 2.4 .75 3.19 .125 2.00 .186 .45 5/ .1887 2.99 4.5 2.0 6.1 1.7 1.4 3.0 .88 4.19 .125 2.00 .188 .55 5/ .1887 3.20 3.6 2.0 4.3 1.4 1.2 2.2 .94 3.19 .125 3.00 .188 .45 5/ .1887 3.20 3.6 2.0 4.3 1.4 1.2 2.2 .94 3.19 .125 3.00 .188 .48	SIZE MI/FI ZPL ZFL INERTIA R YP YF AREA DEPTH THICK HIDTH THICK ARE ST. 1881 2.55 3.4 1.5 3.4 1.3 1.0 2.4 .75 3.19 .125 2.00 .188 .45 57 .1881 2.99 4.5 2.0 6.1 1.7 1.4 3.0 8.6 4.19 .125 2.00 .188 .57 .1881 3.20 3.6 2.0 4.3 1.4 1.2 2.2 .94 3.19 .125 3.00 .188 .45 57 .1881 3.60 4.7 2.7 7.6 1.8 1.6 2.8 1.06 4.19 .125 3.00 .188 .55 .1881 3.60 4.7 2.7 7.6 1.8 1.6 2.8 1.06 4.19 .125 3.00 .188 .55 .50 1.88	SIZE MI/FI ZPL ZFL INERTIA R YP YF AREA DEPTH THICK HIDTH THICK ARE STEADS 1.5 3.4 1.5 1.0 2.4 .75 3.19 .125 2.00 .186 .4 57 .1881 2.99 4.5 2.0 6.1 1.7 1.4 3.0 8.6 4.19 .125 2.00 .186 .4 57 .1881 3.20 3.6 2.0 4.3 1.4 1.2 2.2 94 3.19 .125 3.00 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1.3.6 2.2 2.2 3.3 1.56 5.31 .188 2.00 .313 8/ .313 5.95 7.7 5.2 2.0 1.2 2.6 2.8 3.3 1.56 5.31 .188 2.00 .313 8/ .313 5.95 7.7 5.2 2.0 1.2 2.6 2.8 3.3 1.55 5.31 .188 2.00 .313	SIZE MI/FI ZPL INCRIIA R YP YF AREA DEPTH THICK MIDTH THICK ARE ST. 1881 2.55 3.4 1.5 3.4 1.3 1.0 2.4 75 3.19 1.125 2.00 1.88 4.5 5.4 1.5 3.4 1.5 1.0 2.4 75 3.19 1.125 2.00 1.88 4.5 5.4 1.5 2.0 1.8 1.0 2.4 75 3.19 1.125 2.00 1.8 4.5 5.4 1.5 2.0 1.8 4.19 1.125 2.0 1.8 4.6 5.5 2.0 1.8 4.8 1.6 2.8 1.0 4.19 1.125 2.0 1.8 4.8 1.8 4.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	SIZE MI/FI ZPL ZPL INERTIA R YP YF AREA DEPTH HICK MIDTH THICK S/ 1887 2-55 3-4 1-5 3-4 1-3 1-0 2-4 -75 3-19 -125 2-0 -188 5/ -1887 2-59 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 -125 2-0 -188 5/ -1887 3-6 4-5 2-0 6-1 1-7 1-4 3-0 -88 4-19 -125 2-0 -188 5/ -1887 3-6 4-7 2-7 7-6 1-8 1-6 2-8 1-16 4-19 -125 3-0 -188 5/ -1887 3-6 5-0 3-1 8-7 2-8 1-16 4-19 -125 3-0 -188 5/ -188 5-0 6-1 3-1 8-7 2-8 1-14 5-2 5/ -188 2-8 1-14 5-2 5/ -188 2-8 1-14 5-2 5/ -188 2-8 1-14 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.106 IN. PLATE (AREA= 1.20 SQ.IN.)

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-	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313		.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375	113	.375	2.5	375	375	.375	.375	.375	.375	.375	.438	.438		.375	.375	.375	375	
*** BEA!	•	7.44	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	12.66	9.50	14.47	16.59	12.66	12.47	12.59	12.53	12.66	12.59	12.53	14.53	14.59			2			
*****	AREA	4.81	4.88	4.80	5.00	90.5	5.13			5.63		5.34				6.38	6.50	6.63	6.63	6.75	•		6.88	7.06	7.13	7.13	1.51	100	7 . 5 . 7	7.78	7.78			3	8.66		8.78		•	2		200	* 300 A	99.28
	YF		6.4	3.0	4.8	3.2	4.8	3.6	4.5	4.5	4.3	4.3	6.2	4.1	3.5	6.6		3.9	5.8	3.4	3.3	2.6	2.6	3.8	3.7	2.5	3.5	2.5		2.5	5.0		4.8			4.6	4.9	6.3	4.4		*			4004
	4P	6.4	5.7	5.8	5.8	5.5	5.9	6.1	6.0	6.2	6.3	4.9	6.5	6.5	6.2	8.9	6.7	6.8	7.0	4.9	4.9	7.1	7.1	7.0	7.0	7.3	•	* .		7.7	7.7	7.8	7.9	8.0	8.1	8.1	8.3	8.5	4.8		4.6	4 9		
	œ	3.1	4.1	3.9	4.1	3.5	4.2	3.8	4.1	4.2	4.2	4.2	4.2	4.2	3.8	4.7	4.2	4.1	4.8		3.7		4.8	4:1	4.1			•	•	1 8 1		4.8	4.8	4.8	4.8	4.8	5.4	5.4	4.8		4.8	2.0	0.00	
S	INERTIA	56.7	103.2	91.1	3		109.2	96.3	112.9	118.7	120.2	124.8	127.1	127.2	106.6	168.7	133.4	134.2	177.2	112.0	1111.7	182.9	185.4	140.7	140.7	193.1	111.0	195.4	1467.7	209.7	206.7	214.9	217.3	223.8	227.0	227.6	88.	301.4	237.8	,		237.2		
_	ZFL	20.5	50.9	23.9	22.0	23.7	22.7	27.0	6.42	26.6	27.7	28.8	30.4	31.0	30.3	28.6	33.0	34.1	30.8	33.1	33.7	32.9	32.9	37.2	38.0	34.9	20.00	100	200.1	41.7	61.3	43.4	45.0	46.3	48.6	49.6	44.8	47.8	53.7		54.3	54.3	50.3	54.3 50.3 50.7
SECTION	14Z	11.6	18.1	15.6	18.3	13.7	18.5	15.9	18.7	19.1					17.3	54.9	19.9	19.9	25.5	17.6	17.5	25.7	26.0	20.2	20.2	7.92	17.0	26.4	2000	27.3	27.0	27.5	27.5	27.9	28.0	28.0	34.9	35.6	28.5		28.4	35.9	35.9	35.9
		16.35									C			0	3	9		5	5							N		0 4																31.55
	SIZE	.438T	.438T	.438T	.375T	.438T	.500T		.37	•	•	•	•		•	•	•	•	.531T	•	.500T	•	•	•	.500T	•	•		•	• •	1694	. 594T	.5317	.656T	1965.	.5317	•	•	•		•			
	INAL	.250/	•	•	•	•	•	•	•	•	•	•	.313/	•	•	•		•	•	•	•	•	•	•	•	•		•	•	• •		•	•		.375/	.375/	.438/	•	•		•	.438		
	-	×	×	×	2X	X	*	×	×	5X	×9	S	¥9	X	×	¥	8×9	×	t×	X	×	2	ž	×	× :	*	2	0 4	× ×	5 ×	X	6X	X	<b>8</b>	×	*	5×	5×	8		×6	8 × 9	2 % X	2 2 2 Z

0.1875 - 3/16 in.

	SHEAR	AREA	4.82	6.45	7.35	6.50	7.32	7.38	24.9	6.45	7.35	7.41	7.32	24.9	6.45	7.35	7.32	7.41	7.38	7.35	7.32	1:	6.30	7. 25	8.53	9.39	9.45	9.50	7.41	7.38	9.45	7.35	7.41	7.38	9.45	9.53	9.45	9.45	9.39	9.53	9.45	9.45	9.53	
******		THICK	959.	.531	165.	969.	.531	959.	.594	.531	165.	.719	.531	165.	.531	+65.	.531	.719	• 656	*65.	.531	617.	• 656	. 626	.875	.594	.719	969.	.719	.656	• 656	.594	719	.656	.719	.875	.719	.656	165.	.875	.719	969.	.875	
ONS ***	¥		00.0	7.00	2.00	6.00	6.00	2.00	7.00	8.00	00-9	5.00	7.00	9-00	9.00	2-00	8.00	6.00	7.00	8-00	9.00	80.			5.00	6.00	2.00	10-00	8.00	9-00	6-00	10.00	000	10-00	7.00	6.00	8.00	9-00	10.00	7-00	9.00	10-00	0.00	
M DIMENSIONS	MEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	38	900	0000	.500	.500	.500	.438	.438	.438	.500	. 438		.438	.500	.500	.500	.500	.500	.500	.569	.500	.500	
BEA		DEPTH	12.66	14.53	16.59	14.66	16.53	16.66	14.59	14.53	16.59	16.72	16.53	14.59	14.53	16.59	16.53	16.72	16.66	16.59	16.53	16.72	16.66	10.00	16.88	18.59	18.72	14.66	16.72	16.66	18.66	16.59	16.72	16.66	18.72	18.88	18.72	18.66	18.59	18.88	18.72		16.66	
******		AREA	9.75	9.84	16.6	10.06	10.19	10.28	10.28	10.36		10.59	10.72	10.88	10.91	11.16	11.25	11.31	11.59	11.75	11.78	12.03	12.25	12.50	12.38	12.56	12.59	12.69	12.75	15.91	12.94	12.94	13.67	13.56	14.03	14.25	14.75	16.91	14.94				16.00	
		4	-		m	80	-	7.1	5.7	9.6	6.9		6.8			9.9	6.5	9.9	4.9	6.3	6.2	9.9			0		8.1		6.0	5.9	2.8	2.0		5.6	7.3	7.4	7.0	6.9	6.8	7.0	6.7	6.7	6.7	
		Y Y	9.6	6.9	9.5	9.0	4.6	1.6	9.1	9.1	6.6	6.6	10.0	4.6	4.6	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.0	10.0	10.2	10.8	10.8	10.0	10.9	11.0	11.0	11.0	11.2	11.2	11.6	11.7	11.9	11.9	11.9	12.1	12.2	12.2	12.4	
		ď	4.8	5.4	6.1	5.5	6.1	6.1	5.4	5.4	6.1	6.1	6.1	5.4	5.4	6.1	6.1	2.9	6.1	6.1	6.1	2.9	1.0		6.1	6.7	1.9	2.4	6.1	6.1	6.7	6.1	200	6.1	8.9	8.9	9.9	6.8	2.9	8.9	9.9	2.9	9.9	
		INERTIA	247.4	325.6	412.0	335.0	421.2	428.2	340.0	341.4	439.4	443.8	444.7	356.5	355.8	464.0	466.0	473.6	482.6	486.4	485.6	500.3	505.6	0.060	5000	614.0	619.2	399.8	524.0	526.7	637.3	525.8	2071	546.0	696.7	713.1	730.2	734.6	733.6	152.7	760.6	761.8	788.6	
	MODOLUS	1Z	57.7	22.5	56.8	57.3	29.6	60.1	59.8	61.1	63.7	63.5	65.8	65.8	4.99	20.5	71.8	71.7	75.1	17.2	77.9	5.6	65.3	200	73.6	77.0	7.97	83.2	87.8	6.69	91.4	6.06	96.0	97.3	95.0	1.96	103.9	106.3	107.3	107.5	112.8	114.4	118.2	O'S/Capitaline and an arrangement of the second
	SECT ION	ZPL	28.9	36.7	43.2	37.2	43.6	0.44	37.4	37.4	44.5	44.7	44.7	38.1	38.0	45.5	45.5	46.0	46.3	46.4	46.3	0.74	7.14	2000	9.64	56.8	57.1	39.8	6.7.9	47.9	57.8	47.8	40.5	48.6	60.2	61.0	61.5	61.5	61.4	62.4	62.5	65.5	63.6	
		HT/FT	33.15	33.46	33.90	34.20	34.65	34.95	34.95	35.29	35.90	36.01	36.45	36.99	37.09	37.94	38.25	38.45	39.41	39.95	40.05	06.04	41.65	41.75	42.09	42.70	42.81	43.15	43.35	43.89	44.00	00.44	45.80	46,10	47.70	48.45	50.15	69.05	50.80	51.44	52.60	95.90	24.40	
		1.1	1959.	.531T	1965.	.656T	.531T	.656T	1465.	.531T	1465.	7119T	.531T	1465.	.531T	1465.	.531T	1617.	.656T	.594T	.5317	.7191	1950	1929	1928	1965.	.719T	.656T	.719T	.656T	. 656T	1965.	7101	. 5561	1617.	.875T	1617.	.656T	1965.	.875F	.719T	.656T	1578.	The second second
		NAL SIZE				.438/	.438/	.438/	.438/	.438/	.438/	.438/	438/	438/			.438/						1994	7000		2007	2007	.438/	.438/	.438/	.500/	.438/	438/			5	.500/	1005.	1005.	1005.	1005.	.500/	2000	
		NON	×	×	2×		<b>6</b> X	2×	7X	14X 8X	¥9	5×	×	4X 8X	<b>X</b> 6	×	×9	8×	××	8 ×	x6 x9	×	× 0	16 70	2 × ×	6x	2X	_	16X 8X		8x 6x		16 Y 9 Y		18X 7X	18X 6X	18X 8X	18X 9X	18X10X	18X 7X	18x 9x	18X10X	18X 8X	Contract of the last of the la

.188 IN. PLATE (AREA= 1.20 SQ.IN.)

SECTION MODULUS HIFF ZPL ZFL INERTIA	NODULUS ZFL			•	~ 1	4 6	F 4	AREA	DEPTH	Z Y C	SIONS **	NGE THICK	SHEAR
60.35 65.6 13	6 13		9.0	850.2	2.9	13.0		17.75	18.88	.500	10-00	.875	9.53
68.44 92.3 150.	.3 150.		9	1262.7	7.7	13.7	9.4	20.13	21.88	.625	8.00	.875	13.79
70.14 92.9 158.8	.9 158.8	8.8		1286.1	7:1	13.8	8.1	20.63	21.75	•629	10.00	.750	13.71
72.69 94.3 169.7	3 169.7	2.6		1329.6	7.7	14.1	7.8	21.38	21.75	.625	11.00	.750	13.71
	.5 175.6	9.5		1365.1	7.7	14.3	7.8	21.88	21.88	.625	10.00	.875	13.79
	.5 192.1	2.1		1453.0	7.7	14.8	7.6	23.25	22.13	.625	9.00	1.125	13.95
80.34 98.1 200.0	.1 200.0	0.0		1452.5	7.6	14.8	7.3	23.63	21.88	• 625	12.00	.875	13.79
-	.8 199.0	9.0		1913.0	9.6	15.5	9.6	24.38	24.88	.688	9.00	.875	17.25
	.2 212.3	2.3		1492.1	1.6	15.0	7.0	24.50	21.88	. 625	13.00	. 875	13.79
	.9 213.1	3.1		1984.2	8.7	15.8	9.3	52.52	24.88	.688	10.00	.875	17.25
	.2 224.4	4.4		1528.7	1.6	15.3	6.8	25.38	21.88	.625	14.00	.875	13.79
	.5 214.4	4.4		2023.8	8.7	15.9	4.6	25.50	25.13	.688	8.00	1.125	17.42
127.9		7.1		2050.8	8.7	16.0	9.0	26.13	24.88	.688	11.00	.875	17.25
129.8		5.4		2109.0	8.7	16.2	9.1	26.63	25.13	.688	9.00	1.125	17.42
129.6		1.3		2113.5	8.7	16.3	8.8	27.00	24.88	.688	12.00	.875	17.25
		2.4		2172.4	8.6	16.6	8.5	27.88	24.88	.688	13.00	.875	17.25
133.9		1.6		2259.8	8.7	16.9	8.4	28.88	25.13	.688	11.00	1.125	17.42
		1.4		2832.2	9.6	17.3	11.0	29.25	28.13	.750	8.00	1.125	21.24
_	.4 271.5	1.5		2874.0	9.6	17.5	10.6	29.88	27.88	.750	11.00	.875	21.05
166.8		7.5		2950.6	9.7	17.7	10.6	30.38	28.13	.750	9.00	1-125	21.24
166.8		*		2961.7	9.6	17.8	10.3	30.75	27.88	.750	12.00	.875	21.05
169.8		**		3060.6	2.6	18.0	10.3	31.50	28.13	.750	10.00	1.125	21.24
172.4		2.5		3163.3	9.7	18.3	10.0	32.63	28.13	.750	11.00	1.125	21.24
126.40 192.9 367.2		7.7		3400.0		10.0	10.0	20.05	20.30	.075		1.375	22.63
235.0		5.3		6-0424	10.6	20.0	11:1	40.04	31.13	. 875	13.00	1.125	27.48
237.9	_	0.5		4836.5	10.7	20.3	11.2	41.38	31.38	.875	11.00	1.375	27.62
237.9		7.5		4863.8	10.6	20.4	10.9	42.00	31.13	.875	14.00	1.125	27.40
1.745		4.0		5255.1	10.6	21.3	10.3	45.50	31.38	.875	14.00	1.375	27.62
307.7		*.*		6629.8	11.6	21.5	13.1	48.00	34.50	1.000	10.00	1.500	34.69
307.4		9.1		6625.2	11.6	21.6	13.0	48.13	34.38	1.000	11.00	1.375	34.57
352.7		7.1		8115.4	12.5	23.0	14.3	50.63	37.13	1.000	13.00	1.125	37.32
316.1		8.1		7021.0	11.6	25.2	12.4	50.88	34.38	1.000	13.00	1.375	34.57
356.4		4.1		8261.5	12.6	23.2	14.4	51.13	37.38	1.000	11.00	1.375	37.57
	.3 622.0	2.0		8776.0	15.7	23.8	14.1	53.50	37.75	1.000	10-00	1.750	37.94
187.00 327.0 655.9	.0 655.9	2.9		7545.2	11.6	23.1	11.5	25.00	34.38	1.000	16.00	1.375	34.57

.188 IN. PLATE (AREA= 1.20 SQ.IN.)

		•	9 .55		9 . 55		_		-			0 1.03				3 1.04														3 2.38			-	~ .	~	1.91	~ .	5 2.40	~	5 2.15	-	~	. 2.	2 20
ANGE	2	.18	.18	.18	.18	.31	.25	.31	.31	.31	.25	.25	.31	.31	.25	.31	.31	.31	.31	.43	.37	.31	.31	.43	.37	.31	15.	10.	37	.313	.43	.31	.37	.31	.37	. 43		.37		.37	. 43	. 43	.375	•
1	200	2.00	2.00	3.00	3.00	2-00	2.00	3.00	2.00	2-00	3.00	4.00	4.00	3.00	00-1	-	4-00	2.00	3.00	3.00	3-00	3-00	4.00	3.00	3-00	3.00	-	200	3.00	4.00	3.00	2.00	4-00	2.00	2.00	2-00	4-00	2.00	2.00	6-00	6.00	2.00	6.00	
THICK	200	.125	.125	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	0520	2620	250	.250	.250	•250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	
DEPTH	200	3.19	4.19	3.19	4.19	4.31	5.25	3.31	5.31	6.31	6.25	5.25	4.31	6.31	6.25	5.31	6.31	5.31	7.31	6.44	7.38	8.31	7.31	7.66	8.38	9.31	8.31	1001	0.3A	9.31	9.44	8.31	9.38	9.31	8.38	1.44	9.44	9.38	8.44	8.38	7.44	44.6	9.38	
ARFA	-	• 75		*6.	1.06	1.38	1.44	1.50	1.56	1.75	1.88	1.94	2.00	5.06	2.13	2.19	2.38	2.50	5.69	2.81	2.88	2.94	3.00	3.06	3.13	3.19	3.25	3.5	3.38	3.50	3.56	3.56	3.75		3.88	3.94	4.00	4.13	4.19	4.25	4.38	***	4.50	
	-	5.2	3.5	5.4	3.0	3.0	3.7	2.1	3.6	4.2	4.0	3.2	5.5	3.9	3.6	3.1	3.6	2.8	4.	3.6	4.3	4.9	4:1	4.2		5.5		0 . 4		5.1	5.5	4.4	2.0	6.4	4.2	3.5		4.7		3.9	3.3	4.5	4.4	•
4		6.	1.2	1:1	1.4	1.5	1.0	1:4	1.9	2.3	2.4	2.3	2.0	5.6	2.7	2.5	5.9	2.7	3.2	3.0	3.3	3.6	3.4	3.5	3.8	4.1	5.9			4	4.5	4.2	4.6	4.7	3			6.5	4.7	4.7	4.4	2.5	2.5	
•		1.3	1.6	1.4	1.0	1.8	2.1	1.5	2.2	5.6	2.6	2.3	2.0	2.7	2.7	2.4	2.8	5.4	3.0	2.8	3.1	3.4	3.1	3.1	3.5	80	2.5			3.9	3.9	3.5	3.9	3.9	3.6	3.5	0.		3.6	3.6	3.5	4.0	4:0	
THERTTA	THE WAY	3.8	9.9		8.5	4.6	13.7	6.9	15.3	22.6	24.4	19.2	13.9	27.2	28.0	21.6	31.3	24.1	39.5	33.7	43.0	52.7	44.7	7.94	57.1	68.0	4.66	2.64	73.5	76.3	7.87	65.1	95.8	63.7	6.07	57.8	88.6	2006	76.0	16.5	62.2	97.3	97.6	
MODULUS		1.5	2.1	2.1	2.8	3.2	3.7	3.2	4.2	5.3	6.1	6.0	9.6	7.0	7.4	7.1	8.7	8.5	9.0	9.3	10.1	10.1	10.9	11.1	11.9	12.5	12.9	12.0	1 3 . 8	14.8	15.2	15.0	18.7	17.2	17.0	16.4	18.4	19.5	19.0	19.5	18.9	21.8	22.3	
SECTION		3.3	2.8	4.6	6.1	4.9	7.8	5.0	8.0	9.6	10.0	8.5	6.9	10.3	10.3	8.7	10.6	8.9	12.5	11.1	12.9	14.6	13.0	13.2	15.0	16.7	15.2	13.4	17.2	17.4	17.6	15.6	17.9	17.9	16.0	14.0	18.3	18.4	16.3	16.3	14.2	18.8	18.7	
11/	: ,			3.20						5.95			6.80		7.24		8.09	.5				10.00		•			•		: :	11.90	2	12.10		6	13.19	13.40	13.60	14.04	14.25	14.45	14.89	15.10	15.30	
SIZE		1881	.188T	.1881	.1881	.313T	.250T	.3131	.313T	.313T	.250T	.250T	.313T	.313T	.250T	.3131	.313T	.313T	.313T	1824.	.375T	.3131	.313T	.438T	.3751	.3137	. 31 31	1010	1757	.3131	.438T	.313T	.3751	.3131	.3751	.4381	.4381	.3751	.4381	.3751	.438T	.438T	.3751	
	;		1521	.152/	.125/	.188/	1881.	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	1052.	.250/	-250/	.250/	.250/	.250/	1052.	.250/	1052.	2500	2501	.250/	.250/	.250/	.250/	-250/	1052.	1052	.250/	.250/	.250/	.250/	.250/	.250/	.250/	
MONTHON		×2	×	3	3×	2×	2×	3	2×	2×	×	**	×	3×	×	¥	×	2	3×	3%	3×	3×	×	3	3×	× :	*	2 2	× ×	×	3%	2X	**	×	2	2×	×	2	28	×	×9		<b>6</b> X	*
	3	×	×	×	×	×	2X	×	SX	¥9	×	5×	×	×9	×	28	×9	×	×	×	×	×	×	×	×	× 6	× 1	3	2 2	×	X6	×	8	8 H	×	X	× 6	8 S	8	Š	×	Š	8	-

.219 IN. PLATE (AREA= 1.63 SQ.IN.)

SECTION MODULUS  4.301  16.59  11.4  4.301  16.59  12.1  10.4  4.301  16.59  12.1  10.4  4.301  16.59  12.1  10.4  4.301  16.59  10.4  4.301  17.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20  18.20	SECTION MODULUS  NT/FT 2PL 2PL 2PL 3PL 4PL 4PL 4PL 4PL 4PL 4PL 4PL 4PL 4PL 4	****** SNO ISP	FLAN	HIDTH THICK	2.00 .458	4.00 .438	0000	5.00 .375	2 964. 00.	2000- 200-	7.00 .436 2	6.00 .375 3	5.00 .500 3	6-00 .438 3		6.00 .500 3	.438 3	7-80 -560	604. 00.4	200.		7.00 .563	00 .588 3	694. 00.5	+65. 00-4	7.00 .563 3	9.00 .500	959. 00.4		375 5.80 .594 4.80	6-00 -563	9.00 .656	7.00 .469	•659	7.00 .531	959.	166. 00.2	6.00	5.00 .531	3.00		106.		1436 6-00 -454 6-53
SECTION MODULUS  **361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4361 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95  **4461 16.95	SECTION MODULUS  111. SIZE  112. (436) 16.59 19.1 25.0 110.6 6.0 1 3.2 4.2 5.3 13.1 16.59 19.1 25.0 110.6 6.0 1 3.2 4.2 5.3 13.1 16.59 19.1 25.0 110.6 6.0 1 3.2 4.2 5.3 13.1 16.59 19.1 25.0 110.6 6.0 1 3.2 5.3 5.3 13.1 10.0 10.0 10.0 10.0 10.0 10.0 10	BEAN		DEPTH	7.44	10.44	***	10.38	***	10.50	3.44	10.38	7					5	7	10.5	10.7			12.47	12.59	10.56	19.50	12.66	9.50	12.59	10.56	12.66	12.47			12.	15.			6	7:	7		
SECTION MODULUS  4381 16.59 21.7 21.6 116.1 4.2  4381 16.59 12.7 21.6 116.1 4.2  4381 16.59 12.7 21.6 116.1 4.2  4381 17.20 12.9 23.0 118.6 4.3  5007 17.44 22.2 23.6 123.0 4.3  5107 19.14 22.2 23.6 123.0 4.3  5107 19.14 22.3 31.7 144.2 4.3  5107 21.69 22.4 26.9 136.1 4.3  5107 21.69 22.7 28.9 136.1 4.3  5107 21.69 22.7 28.9 136.1 4.3  5107 21.69 22.7 28.9 136.1 4.3  5107 22.69 23.7 35.7 152.0 3.9  5107 22.69 23.7 35.7 152.0 4.3  5107 22.69 23.7 35.7 152.0 4.3  5107 22.69 23.7 35.7 152.0 4.3  5107 22.69 23.7 35.7 152.0 4.3  5107 22.69 23.7 35.7 152.0 4.3  5107 23.15 21.1 38.9 118.6 4.3  5107 24.2 21.1 38.9 118.6 4.3  5107 24.2 24.1 38.9 7 168.6 4.3  5107 24.2 24.1 38.9 7 168.6 4.3  5107 25.40 31.7 42.5 233.9 5.0  5107 26.45 31.7 42.5 233.9 5.0  5107 26.45 32.6 51.7 254.0 5.0  5107 26.65 51.7 254.0 5.0  5107 32.6 51.7 254.0 5.0  5107 33.1 20.9 1 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 33.1 56.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107 30.0 5.0  5107	ALL SIZE  2507, 438T 16.59 14.4 21.4 16.1 14.2 13.2 14.4 21.4 16.51 14.5 21.4 16.5 1 14.4 21.4 16.5 1 14.5 21.4 16.5 1 14.4 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 1 14.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 21.4 16.5 2				-	m (	·	2		2	6	4.9 5.3	4.6 5.6	4.7 5.7	4.7 5.9	4.5 6.1	2	6	,	* *			. 9	6.	.0	.1 7	-	6.		0 4		. 5	. 4.	.3 8	.2	5.2 8.4	5.0 8.6	4.9 8.7	-	9.6	2.6 9.4	3.6		6.5 9.31
SECTION MODULUS  4381 16.59 19.1 27.0 116.1 4. 4381 17.01 21.0 116.1 14. 4381 17.01 21.0 23.0 116.0 4. 4381 17.01 22.0 23.0 118.0 4. 4381 17.01 22.0 23.0 118.0 4. 4381 19.59 22.0 23.0 118.0 4. 4381 19.59 22.0 23.0 118.0 4. 4381 19.59 22.0 23.0 118.0 4. 4381 20.20 23.2 31.7 144.0 4. 4581 21.05 23.2 31.7 144.0 4. 4581 22.05 23.2 31.7 144.0 4. 4691 21.05 23.3 31.7 122.0 3. 4691 22.0 2 23.0 34.0 118.0 4. 4691 22.0 2 23.0 34.0 118.0 4. 4691 22.0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SECTION MODULUS  2507, 4301 16.59 14.4 21.4 66.1 3.  2517, 4301 16.59 14.4 21.4 116.1 4.  2517, 4301 16.59 12.7 1.6 116.1 4.  2517, 4301 16.59 12.7 1.6 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.1 1.6 1.			4	9.4	5.3	2.5		2.1	2.5	2.1	2.1	5.9	5.9	6.1	2.9	6.2	6.6	**		•	•		6.8	6.8	6.7	2.9	7.0	6.3	1:2	6.9	7.4	7.3	7.5	7.6	7.7	7.8	2.8		2.6				? .
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SECTION  4381  4381  15.35  17.01  4381  16.59  19.11  4381  17.20  19.11  4381  18.29  19.12  4381  19.16  22.9  4381  22.95  23.2  4381  22.95  23.2  4381  22.95  23.2  4381  22.95  23.2  4381  22.95  23.2  4381  24.24  25.91  26.61  26.63  26.61  26.63  27.2  28.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  48.3  4	SECTION  250/ 4381 16.59 19.1  313/ 4381 16.59 19.1  313/ 4381 16.59 19.1  250/ 4381 16.59 19.1  313/ 5611 17.20 16.9  313/ 5631 17.20 16.9  313/ 5631 22.95 22.9  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  313/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 22.95 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 23.2  315/ 5631 24.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 5631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2  315/ 6631 25.2			INERTI	99	116.	104.	118.	• 90	123.	1111.	127.	134.	136.	141.	144.	166.	122.	157.	151.	192.	126	128.	203.	206.	160.	160.	214.	134.	224.	168.	233.	230.	239.	242.	250.	254.	254.	316.	330.	266	220		346
4381 16.59 4381 16.59 4381 16.59 4381 16.59 4381 16.59 4381 17.20 4381 18.29 4381 18.29 4581 22.38 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5681 22.59 5881 22.59 5881 22.59 5881 22.59 5881 22.59	250, 4381 16.59 313, 4381 16.59 313, 4381 16.59 313, 93751 17.00 313, 9631 17.00 313, 9631 17.00 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 313, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95 315, 9631 22.95			ZFL	21.4	21.8	25.0	23.0	1.42	23.8	28.2	26.0	27.8	28.9	30.1	31.7	32.4	31.7	59.9	24.0	33.6	36.6	35.3	34.4	34.4	38.9	39.7	36.4	38.5	30.8	63.3	42.5	43.1	45.2	47.0	4.0.4	50.7	51.7	46.7		26.0			200
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0.2188 - 7/32 in.

.219 IN. PLATE (AREA = 1.63 SQ.IN.)

Name	.15	100				1 4.					-		
15         53.6         61.2         27.5         4.9         8.3         4.6         9.5         11.2         66.7         37.5         9.0         6.5         9.5         11.2         6.7         9.0         11.2         6.7         9.0         11.2         6.7         9.0         11.2         9.0         9.0         11.2         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         <	- 4	147	ZFL	NERTI	æ	YP	4.	RE	-	THICK	2	H	AREA
4.6         41.8         57.9         95.1         55.9         4.4.8         4.4.8         5.1         9.4         4.4.8         5.1         9.5         9.4         14.5         9.5         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         4.4.8         5.0         1.6.5         1.6.5         4.4.8         5.0         1.6.5         1.6.5         4.4.8         5.0         1.6.5         1.6.5         1.6.5         5.0         1.6.5         1.6.5         1.6.5         5.0         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5         1.6.5	3	33.6	2.09	277.					9	.375	00.0	.656	4.83
99         40         7.6         9.7         1.6.5         +38         5.00         6.5         9.7         7.6         11.6.5         +38         5.00         6.5         10.0         11.6.5         +38         5.00         6.5         10.0         11.6.5         +38         5.00         6.5         10.0         11.6.5         +38         5.00         6.0         10.5         11.6.5         +38         6.0         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.5         11.6.5         +38         6.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0         5.0         10.0 <t< td=""><td></td><td>41.8</td><td>57.9</td><td>358.1</td><td></td><td></td><td></td><td></td><td>.5</td><td>.438</td><td>7.00</td><td>.531</td><td>94.9</td></t<>		41.8	57.9	358.1					.5	.438	7.00	.531	94.9
49.2         49.5         69.6         69.7         6.2         11.0         11.6         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6	6	48.8	59.1	449.5			1.6	•	.5	.438	5.00	.594	7.36
95         49.3         65.4         49.3         7.5         10.19         16.5         43.8         6.0         6.5           95         49.3         62.6         62.6         62.6         63.8         7.5         10.20         14.5         6.0         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         6.0         10.20         14.5         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0 <th< td=""><td>.2</td><td>45.4</td><td>9.69</td><td>368.4</td><td></td><td></td><td></td><td></td><td>9</td><td>.438</td><td>00 -9</td><td>•656</td><td>6.52</td></th<>	.2	45.4	9.69	368.4					9	.438	00 -9	•656	6.52
95 49.7 62.6 457.4 6.3 9.4 7.5 10.28 14.59 458 5.00 6.55  96 42.6 63.2 375.8 5.6 8.8 7.5 10.28 14.53 4.38 5.00 6.55  97 42.6 63.2 375.8 5.5 8.6 7.3 10.59 14.53 4.38 5.00 6.59  98 50.4 66.2 66.2 3.95.8 6.3 9.6 7.3 10.59 16.72 8.38 5.00 7.3  99 43.2 66.1 464.9 6.3 9.6 7.3 10.59 16.72 8.38 5.00 7.3  99 43.2 66.1 332.2 5.6 9.1 5.7 10.8 14.53 4.38 7.0 5.3  90 43.2 69.4 332.2 5.6 9.1 5.7 10.8 14.53 4.38 7.0 5.3  91 43.2 69.4 332.2 5.6 9.1 5.7 10.8 14.53 6.5 6.3  92 51.4 74.6 510.2 6.3 10.1 5.7 10.3 11.6 15.3 8.3 6.0 10 5.3  93 52.2 80.2 52.2 80.3 5.3 10.1 6.8 11.2 16.53 8.3 8.8 7.0 5.3  94 52.2 80.2 532.7 6.3 10.2 6.8 11.75 16.59 8.3 7.0 5.0  95 52.2 80.2 532.7 6.3 10.2 6.8 11.75 16.59 8.3 7.0 5.0  95 52.2 80.2 532.8 6.3 10.4 6.8 12.2 16.5 6.43 8.0 6.0 5.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 16.5 6.43 8.0 6.0 5.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0  95 53.1 87.7 553.6 6.3 10.4 6.8 12.2 1.8 16.5 6.43 8.0 6.0 6.0 6.0  95 55.1 87.7 553.6 6.3 10.4 6.4 12.3 16.7 6.9 13.8 1.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6			62.0	4.59.8		•		-	2	.438	6.00	.531	7.34
95         42.6         63.6         6.8         6.0         10.28         14.59         45.9         10.59         45.9         10.59         45.9         10.59         45.9         10.59         45.9         10.59         45.9         10.59         45.9         10.59         45.9         6.1         5.9         10.59         45.9         6.1         6.2         7.1         10.50         16.59         43.8         6.0         6.0         6.2         7.1         10.50         10.59         43.8         6.0         6.0         6.0         7.1         10.50         43.8         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0 <td>•</td> <td>1.64</td> <td>9.29</td> <td>4.7.4</td> <td></td> <td></td> <td></td> <td>2.</td> <td>ō</td> <td>.438</td> <td>2.00</td> <td>.656</td> <td>7.39</td>	•	1.64	9.29	4.7.4				2.	ō	.438	2.00	.656	7.39
99         42.6         6.3.5         9.6         7.2         10.5         4.4.5         6.3         9.6         7.2         10.5         10.5         9.43         6.00         9.59         10.5         10.5         10.5         9.43         6.00         9.50         7.2         10.5         10.5         4.36         6.00         9.43         7.2         10.5         10.5         4.32         6.00         9.43         7.0         9.43         6.00         9.31         7.2         10.5         10.5         4.32         6.00         9.31         7.0         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         6.00         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31         9.31		45.6	62.2	374.2				.2	2	.438	7.00	.594	6.49
90 90.2 66.2 40.9.9 6.3 9.6 7.2 10.55 16.59 438 6.00 .594 7.0 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10		45.6	63.5	375.8				.3	3	.438	8.00	.531	94.9
99         50.5         66.0         66.6         6.3         9.6         7.3         10.59         16.53         6.8         9.1         7.3         10.59         6.3         6.8         9.1         7.1         10.7         6.3         6.8         9.1         6.7         10.1         14.59         6.3         6.8         9.1         6.8         11.16         16.53         6.3         6.8         11.25         16.53         6.3         7.0         6.9         6.9         11.16         16.53         6.3         7.0         6.9         6.9         11.16         16.53         6.3         7.0         6.8         11.25         16.53         6.3         7.0         6.8         11.25         16.53         6.3         7.0         6.8         11.25         16.53         6.3         7.0         6.8         11.25         16.53         6.8         7.0         6.8         7.0         6.8         7.0         6.8         7.0         6.8         7.0         6.8         7.0         6.8         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0 </td <td></td> <td>50.5</td> <td>66.2</td> <td>479.9</td> <td>6.3</td> <td>•</td> <td></td> <td>0.5</td> <td>S</td> <td>.438</td> <td>6.00</td> <td>S</td> <td>7.36</td>		50.5	66.2	479.9	6.3	•		0.5	S	.438	6.00	S	7.36
45         50.4         66.3         9.6         7.1         110.7         16.5         4.38         7.80         55.4           99         43.2         66.4         322.2         5.6         9.1         5.7         110.8         14.5         4.38         7.80         5.94         7.8           99         43.2         5.6         9.1         5.7         10.91         14.5         4.38         7.8         7.8         6.9         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8	•	50.5	66.0	484.6	6.3			0.5	-	.438	2.00	~	7.42
99         43.3         68.4         332.6         5.6         9.1         5.7         10.81         14.59         -436         6.9         11.59         14.59         -436         6.9         11.59         14.59         -436         6.9         11.59         14.59         -436         6.9         11.59         16.59         -436         6.9         11.59         16.59         -436         6.9         11.59         16.59         -436         6.9         10.1         6.8         11.51         6.6         6.6         11.59         16.59         -436         6.0         10.1         6.6         11.59         16.59         -436         6.0         10.1         6.6         11.59         16.6         6.6         10.1         6.6         11.59         16.6         6.0         10.1         6.6         11.59         16.6         6.0         10.1         6.8         10.1         6.6         10.1         6.7         10.1         6.0         10.1         6.0         11.59         16.6         6.0         10.1         6.0         11.59         16.6         6.0         10.1         6.0         10.1         6.0         10.1         6.0         10.1         6.0         10.1         6.0	*	50.4		-	6.3		٠.	1.0	6.5	.438	7.00	.531	7.34
9.1         9.1         5.7         10.31         14.53         .436         9.01         5.7         10.31         14.53         .436         9.01         5.91         5.7         10.31         14.53         .436         9.01         5.91         7.01         5.91         5.91         6.91         11.25         10.53         .436         9.01         .71         7.01         11.25         10.53         .436         6.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01	•	43.3			9.6			0.8	5	43	8.00	*65.	
94         51.3         73.2         517.2         6.3         9.9         6.9         111.5         16.59         .436         7.01         .594         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         <	-	3	6	100	9.6				.5	43	0	.531	
25         51.4         74.6         519.4         6.3         9.9         6.8         11.25         16.55         .438         6.01         .513         7.4           45         52.6         7.4         5.3         10.0         7.8         11.51         16.6         .438         6.01         .519         7.4           45         52.3         10.1         6.6         11.75         16.53         .438         6.01         .586         7.01         .587         .438         7.01         .594         7.3           45         52.3         10.2         6.6         11.75         16.53         .438         .60         .70         .587         .69         .438         .60         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70		51.3	3		6.3	•	5	7	.5	43	-	.594	
45         51.6         74.5         517.7         6.3         10.1         6.11.73         16.66         4.38         7.01         6.51.7         6.6         11.59         16.66         4.38         7.01         6.51.7         6.6         11.59         16.66         4.38         7.01         6.51.7         7.01         6.51.7         16.65         4.38         7.01         6.51.7         7.01         6.51.7         6.6         6.11.7         16.65         4.38         9.01         6.54         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.01         7.	2	51.4	;	-	6.3	•		2.	5	.438		.531	
52.2         78.0         527.7         6.3         11.5         16.66         .438         7.80         .658.7         7.83         .68.11.7         16.53         .438         8.80         .68.11.7         7.83         .438         8.80         .531         7.84         .90         .531         7.84         .90         .531         7.84         .90         .531         7.84         .90         .531         7.84         .90         .531         7.84         .90         .731         .734         .738         .90         .739         .739         .739         .739         .739         .739         .738         .730         .90         .739         .738         .90         .738         .738         .90         .739         .738         .90         .738         .738         .90         .738         .90         .738         .90         .738         .90         .738         .90         .738         .90         .738         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90         .90	*		;	517.7	6.3	0			6.7	43		.719	3
95         52.3         80.2         532.0         6.3         10.2         6.6         11.75         16.59         .436         8.00         .531.3         6.3         10.2         6.6         11.75         16.59         .436         9.00         .531.3         6.3         10.2         6.6         11.76         16.51         .436         8.00         .531.3         6.3         10.4         6.5         12.25         16.66         .436         8.00         .556         7.3         7.3         6.6         7.3         7.3         6.6         7.3         8.3         16.66         .436         8.00         .566         7.3         8.3         16.66         .436         9.00         .566         7.3         9.9         7.2         12.3         16.69         .436         9.00         .566         7.3         9.00         .596         7.3         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00         .596         9.00 </td <td>4</td> <td>2.</td> <td></td> <td>527.7</td> <td>6.3</td> <td></td> <td></td> <td>.5</td> <td>9.9</td> <td>.438</td> <td></td> <td>.656</td> <td></td>	4	2.		527.7	6.3			.5	9.9	.438		.656	
65.2.2         80.9         551.3         6.3         10.2         6.6         11.7         16.53         .436         9.00         .531         7.4           .69         53.0         85.3         10.4         6.5         12.03         16.72         .436         9.00         .579         7.4           .65         6.4         75.7         6.5         10.4         8.5         12.23         16.66         .500         .500         .596         7.8           .75         6.2.4         75.7         6.5         10.4         6.4         12.34         16.66         .500         .596         7.8           .70         6.2.4         75.7         6.5         10.4         6.4         12.34         16.6         .500         .500         .596         7.8           .70         6.5         10.5         6.4         12.3         16.6         .500         .590         7.8         .500         .596         .500         .596         .500         .596         .500         .596         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .5	.9	2.	:	-	6.3	;	9.	1	5	43		.594	2
99         53.0         82.9         547.3         6.3         10.3         6.6         12.03         16.66         438         7.00         719         7.4           65         53.1         6.3         10.4         6.5         12.25         16.66         543         6.00         6.3         10.4         6.5         12.25         16.66         510         560         7.3           10         55.4         76.4         10.4         6.4         12.34         16.65         510         650         7.3           10         55.4         76.4         56.1         5.6         10.5         6.1         875         9.0         7.2         12.34         16.85         9.0         8.0         9.9         7.2         12.34         16.85         9.0         9.0         9.9         7.2         12.34         16.85         9.0         10.7         9.0         9.0         10.7         9.0         9.0         10.7         9.0         9.0         10.7         9.0         10.7         9.0         10.7         9.0         10.7         9.0         10.7         9.0         10.7         9.0         10.7         9.0         10.0         9.0         10.0         9.		2	;	531.3	6.3	;	9.	-	6.5	.438		.531	7.34
65         53.1         65.7         553.6         6.3         10.4         6.5         12.25         16.66         6.438         0.00         656         7.3           75         56.8         6.8         10.4         6.5         12.36         16.59         6.30         9.00         6.56         9.00           99.4         76.4         76.4         12.34         16.59         6.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         6.50         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00 <td></td> <td>3.</td> <td>2</td> <td>547.3</td> <td>6.3</td> <td>:</td> <td></td> <td></td> <td>-</td> <td>43</td> <td>•</td> <td>.719</td> <td>*</td>		3.	2	547.3	6.3	:			-	43	•	.719	*
75         62.4         75.7         645.8         6.6         10.4         8.5         12.2         18.6         6.50         5.0         656.9         6.3         10.4         6.4         12.3         16.8         6.9         10.8         6.0         10.8         6.0         10.9         7.2         16.8         6.9         6.0         10.9         7.2         16.8         6.9         6.0         10.9         7.2         6.0         6.0         6.0         10.9         7.2         6.0         6.0         6.0         10.9         6.0         10.8         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0 <td>9.</td> <td>3</td> <td>5</td> <td></td> <td>6.3</td> <td>:</td> <td>2</td> <td></td> <td>9</td> <td>43</td> <td></td> <td>.656</td> <td></td>	9.	3	5		6.3	:	2		9	43		.656	
96         53.1         87.2         554.9         6.3         10.4         6.4         12.34         16.59         .436         9.00         .594         7.3           109         555.4         76.4         549.2         6.3         12.38         16.66         .500         .875         9.0           11         63.4         79.5         668.1         6.3         10.5         10.5         10.7         .500         .500         .875         9.0         .875         .99         .876         .99         .876         .99         .876         .99         .876         .99         .876         .99         .876         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99         .99		62.4	3	45.	9.9	:	2	2	9.	20		•656	*
19         55.4         76.4         549.2         6.3         9.9         7.2         12.38         16.08         500         500         68.0         9.4           70         63.1         7.9         662.6         6.8         110.5         8.3         12.56         18.59         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500	6.	53,1	2		6.3			12.34	.5	.438		.594	
71         63.0         79.9         662.6         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         668.1         669.1         669.1         669.2         669.1         669.2         669.1         669.2         669.1         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.2         669.	-	55.4	76.4	•	6.3	•	2			20		.875	S.
415         63.4         10.7         50.0         57.0         57.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         50.0         57.0         60.0         50.0         57.0         60.0         50.0         57.0         60.0         50.0         57.0         60.0         50.0         57.0         60.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0         50.0	•	63.0	6.61			:				200		.594	
15.5 53.9 91.2 573.9 5.0 3.10.6 6.3 12.75 16.62 438 9.00 675 7.4 66.2 12.91 16.66 438 9.00 6.56 7.3 7.4 66.2 12.91 16.66 438 9.00 6.56 7.3 7.4 66.2 12.94 18.66 50 438 9.00 6.56 7.3 7.4 66.2 12.94 18.66 50 438 10.00 6.56 7.3 7.3 6.3 10.7 6.1 12.94 16.59 438 10.00 6.594 7.3 6.5 10.0 6.5 10.0 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5		400	÷ .	1.666.1		:			-	2	? "	617.	•
10 54.0 33.3 577.1 6.3 10.7 6.2 12.94 16.66 .438 9.00 .656 9.43 6.5 9.4 6.8 9.4 6.8 9.4 1.8 66 .5 9 1.8 6.8 9.4 1.8 6.8 9.4 1.8 6.8 9.4 1.8 6.8 9.4 1.8 6.8 9.4 1.8 6.8 9.4 1.8 9.00 .656 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 1.8 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4	•	23.0	: .	677	•		•	•	0 1	2 7	? .	2.0	
01 64.2 84.4 688.0 6.9 110.7 8.2 12.94 18.66 .510 6.10 .656 9.4 7.3		54.0	: "	577.1		:	, ,	. 0		7		. 656	
00         53.9         34.3         576.1         6.3         10.7         6.1         12.94         16.59         .436         110.0         .594         7.3           36         45.7         33.0         456.0         5.5         10.0         4.9         13.34         14.66         .436         11.0         .656         6.5         10.0         .656         6.5         10.0         .656         6.5         10.0         .656         .436         11.0         .74         .74         .66         .436         10.0         .719         .74         .74         .66         .436         .76         .73         .77         .46         .691         .76         .77         .46         .691         .76         .77         .46         .691         .76         .77         .77         .46         .77         .77         .46         .77         .46         .77         .77         .46         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77         .77		64.2	3	688.0			2	. 0	9	.500		.656	
36         45.7         33.0         456.0         5.5         10.0         4.9         13.34         14.66         .438         11.00         .719         7.4           10         54.7         99.6         598.3         6.3         10.9         6.0         13.47         16.72         .436         9.00         .719         7.4           11         54.7         100.9         598.7         6.0         13.47         16.72         .436         9.00         .719         7.4           45         66.7         100.9         76.9         11.4         7.7         14.00         7.00         .719         9.4           45         67.5         100.2         7.0         11.4         7.7         14.00         18.00         .879         9.6           46         68.0         11.0         7.9         11.7         7.1         14.94         18.59         .500         10.00         .879         9.4           40         68.0         111.2         813.7         7.0         11.6         7.0         14.94         18.72         .500         10.00         .879         9.4           40         69.1         111.2         813.7         7.0 <td></td> <td>53.9</td> <td>;</td> <td>576.1</td> <td>6.3</td> <td>:</td> <td></td> <td>6</td> <td>5</td> <td>.438</td> <td>-</td> <td>.594</td> <td></td>		53.9	;	576.1	6.3	:		6	5	.438	-	.594	
***0         54,7         99.6         598.3         6.3         10.9         6.0         13.47         16.72         .436         9.00         .719         7.4           ***10         54,7         100.9         598.7         6.3         10.9         5.9         13.56         16.66         .436         10.0         .656         7.3           ***5         6.7         10.2         7.7         14.2         18.72         .50         6.00         .719         9.4           ***5         6.7         11.6         7.7         14.2         18.0         .50         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80         .80	.3		3	456.0					9	.438	:	.656	.5
10 54.7 100.9 598.7 6.3 10.9 5.9 13.56 16.66 .438 10.00 .656 7.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		24.7	6	598.3		;		3.	-	.438		.719	*
.70 66.7 98.3 752.7 6.9 11.3 7.7 14.03 18.72 .500 7.00 .719 9.4 15.5 67.5 100.2 770.2 7.0 11.4 7.7 14.25 18.86 .500 6.00 .875 9.5 9.4 15.5 100.2 770.2 7.0 11.4 7.7 14.25 18.86 .500 6.00 .875 9.5 9.4 15.5 100.2 70.3 6.9 11.6 7.2 14.91 18.66 .500 9.0 .719 9.4 9.4 69.1 111.0 793.2 6.9 11.7 7.1 14.94 18.59 .500 10.00 .594 9.4 6.4 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.86 .500 7.00 .594 9.5 9.5 9.5 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.0 .719 9.4 9.4 6.5 116.3 82.0 6.9 11.9 7.0 15.56 18.66 .500 10.00 .675 9.5 9.5 9.5 70.3 122.3 853.1 7.0 12.1 7.0 16.00 18.86 .500 10.00 .656 9.4 70.3 122.3 853.1 7.0 12.1 7.0 15.02 18.66 .500 11.00 .656 9.4 70.3 122.3 853.2 853.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .656 9.4 70.3 125.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.4	-		:	2.965				.5	9.	.438	•	.656	
.45 67.5 100.2 770.2 7.0 11.4 7.7 14.25 10.86 .500 6.00 .875 9.5 15 68.0 107.6 719.3 5.9 11.6 7.3 14.75 18.72 .500 8.00 .719 9.4 16.9 68.1 10.0 794.3 6.9 11.7 7.2 14.91 18.66 .500 10.00 .656 9.4 14.6 69.1 111.2 813.7 7.0 11.7 7.1 14.94 18.56 .500 10.00 .594 9.4 14.6 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.88 .500 7.00 .579 9.5 16.0 69.2 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.0 7.0 9.4 9.4 17.1 17.2 813.7 7.0 11.9 7.0 15.47 18.72 .500 9.00 .719 9.4 17.1 17.2 17.3 122.3 853.1 7.0 12.1 7.0 16.00 18.88 .500 10.00 .875 9.5 16.70 70.3 122.3 853.1 7.0 12.1 7.0 16.00 18.88 .500 10.00 .875 9.5 17.7 71.1 135.2 862.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .656 9.4 17.7 71.1 135.2 862.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.4	-			752.7				0	-	.500	-	.719	•
.15 66.0 107.6 789.3 6.9 11.6 7.3 14.75 18.72 .500 8.00 .719 9.4   .69 68.1 110.0 794.3 6.9 11.7 7.2 14.91 18.66 .500 9.00 .656 9.4   .44 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.88 .500 7.00 .879 9.4   .40 69.2 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.00 .719 9.4   .40 69.2 116.3 824.0 6.9 11.9 7.0 15.67 18.66 .500 18.80 .719 9.4   .40 70.3 122.3 653.1 7.0 12.1 7.0 16.00 18.88 .500 8.00 .875 9.5   .415 70.1 135.2 862.2 6.9 12.2 6.7 16.91 18.72 .500 11.00 .656 9.4   .45 71.1 135.2 862.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .656 9.4			00	2.011					8.8	20		.875	.5
.69 68.1 110.0 794.3 6.9 11.7 7.2 14.91 18.66 .500 9.00 .656 9.4   .80 68.0 111.0 793.2 6.9 11.7 7.1 14.94 18.59 .500 10.00 .594 9.4   .44 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.88 .500 7.00 .875 9.5   .60 69.2 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.00 .719 9.4   .40 70.3 122.3 8524.0 6.9 11.9 7.0 15.56 18.66 .500 10.00 .656 9.4   .40 70.3 122.3 851.9 6.9 12.2 6.7 16.22 18.66 .500 11.00 .875 9.5   .49 71.1 135.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.4	7		.20	789.3		•		-	8.7	.500	:	.719	*
.80 68.0 111.0 793.2 6.9 11.7 7.1 14.94 18.59 .500 10.00 .594 9.44 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.88 .500 7.00 .875 9.54 60.4 60.2 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.00 .719 9.4 60.0 69.2 116.7 822.6 6.9 11.9 7.0 15.56 18.66 .500 10.00 .856 9.4 640 70.3 122.3 653.1 7.0 12.1 7.0 16.00 18.88 .500 8.00 .875 9.5 6.7 15.70 12.1 135.2 862.2 6.7 16.9 18.72 .500 11.00 .656 9.4 649 71.1 135.2 862.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.4	9.		10.	794.3	6.9	11.7		16.41	9	.500		.656	*
.44 69.1 111.2 813.7 7.0 11.8 7.3 15.13 18.86 .500 7.00 .675 960 69.2 116.7 822.6 6.9 11.9 7.0 15.47 18.72 .500 9.00 .719 940 69.2 116.3 824.0 6.9 11.9 7.0 15.56 18.66 .500 10.00 .656 940 70.3 122.3 653.1 7.0 12.1 7.0 16.00 18.86 .500 8.00 .675 941 70.1 126.8 851.9 6.9 12.4 6.5 16.91 18.72 .500 11.00 .556 9.	.8	68.0	11.	793.2	6.9	-		6	.5	.500	-	.594	
.60 69.2 116.7 622.6 6.9 11.9 7.0 15.47 16.72 .500 9.00 .719 990 69.2 110.3 624.0 6.9 11.9 7.0 15.56 18.66 .500 10.00 .656 940 70.3 122.3 624.0 6.9 12.1 7.0 16.00 18.89 .500 8.00 .675 915 70.1 126.0 651.9 6.9 12.2 6.5 16.21 18.66 .500 11.00 .556 949 71.1 135.2 662.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.	*	69.1	::	813.7	7.0			7		.500		.875	9.55
.90 69.2 118.3 524.0 6.9 11.9 7.0 15.56 18.66 .500 10.00 .656 940 70.3 122.3 653.1 7.0 12.1 7.0 16.00 18.88 .500 8.00 .875 915 70.1 126.8 851.9 6.9 12.2 6.7 16.22 18.66 .500 11.00 .656 949 71.1 135.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.		9	16.	822.6	6.9	-		*		.500		.719	
.40 70.3 122.3 653.1 7.0 12.1 7.0 16.00 18.88 .500 8.00 .875 9. .15 70.1 126.8 851.9 6.9 12.2 6.7 16.22 18.66 .500 11.00 .656 9. .49 71.1 135.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.	.9	9	18	824.0	6.9	-		.5		.500		.656	
.15 70.1 126.8 851.9 6.9 12.2 6.7 16.22 18.66 .500 11.00 .656 9. .49 71.1 135.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719 9.	3.	70.3	22.	853.1	2.0	2		•		.500		.875	
.49 71.1 135.2 882.2 6.9 12.4 6.5 16.91 18.72 .500 11.00 .719	7	1.07	56.	851.9		2.	2.9	2.		.500	-	.656	
	4.		35.	882.2		2.	6.5	•		.500	0	.719	9.47

Name	Value   Valu	75				0						MCD		-	
69.4         71.9         144.3         908.5         6.9         12.6         6.3         17.63         11.7         5.00         12.0         6.9         12.6         6.4         17.75         11.0         5.00         12.0         6.9         12.0         6.9         12.0         6.9         6.0         12.0         6.0         12.0         6.0         6.0         12.0         6.0         12.0         6.0         6.0         12.0         6.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         6.0         12.0         6.0         6.0         12.0         6.0         6.0         6.0         12.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	60.35 72.4 144.2 900.5 6.9 12.7 6.4 17.75 14.06 .500 10.00 0.775 14.04 0.99.0 11.00 0.775 14.04 0.99.0 11.00 0.775 14.04 0.99.0 11.00 0.775 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.975 14.04 0.99.0 11.00 0.99.0 14.04 0.99.0 11.00 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.05 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99.0 14.04 0.99	,	HT/FT	ZPL	ZFL	INERTIA	~	YP	4 6	AREA	DEPTH	THICK	MID	THICK	ARE
60.35 72.4 144.2 921.0 6.9 12.7 6.4 17.75 10.00 6.50 10.00 170.14 100.5 163.4 136.9 7.0 13.0 0.7 20.13 21.75 10.00 6.55 10.00 170.4 100.5 163.4 136.9 7.0 13.0 0.2 21.75 6.25 10.00 170.0 110.6 167.7 1330.9 7.0 13.0 0.2 21.70 6.25 10.00 170.0 110.6 167.7 1330.9 7.0 13.0 0.2 21.70 6.25 10.00 170.0 110.0 170.0 170.0 110.0 170.0 170.0 110.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.0 170.	60.35 72.4 144.2 921.0 6.9 12.7 6.4 17.75 10.06 .50 6.00 .075   60.45 972.4 144.2 921.0 6.9 12.7 6.4 17.75 10.06 .50 6.00 .075   70.14 100.5 133.4 1366.9 7.9 13.4 0.1 2.00 .505 10.00 .075   70.40 101.5 105.7 139.6 9 7.9 13.4 0.1 2.00 .505 10.00 .505   70.40 101.5 106.5 145.4 7.9 14.5 7.9 2.00 2.00 2.00   70.40 101.5 106.5 145.4 7.9 14.5 7.6 2.00 2.00   70.40 101.5 106.5 145.4 7.9 14.5 7.6 2.00 2.00   70.40 101.5 106.5 145.2 7.9 14.5 7.6 2.00 2.00   70.40 101.5 106.5 145.2 7.9 14.5 7.6 2.00 2.00   70.40 101.5 106.5 145.2 7.0 14.6 7.5 2.00 2.00   70.40 101.5 106.5 145.2 7.0 14.6 7.5 2.00 2.00   70.40 101.5 100.0 205.6 154.2 7.0 14.6 7.5 2.00   70.40 107.1 20.2 20.6 154.2 7.0 14.6 7.5 2.00   70.40 107.1 20.2 20.6 1627.8 7.0 15.2 2.00   70.40 107.1 20.2 20.6 1627.8 7.0 15.2 2.0 2.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.0 15.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.2 2.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.0 15.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.0 15.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.0 15.0 0   70.40 107.1 20.2 20.6 1627.8 7.0 15.0 15.0 0   70.40 107.1 20.2 20.6 10.0 10.0 10.1 20.0 0   70.40 107.2 20.6 10.0 10.0 10.1 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.40 107.2 20.0 0   70.	7197	29.94	71.9	3	908.5	6.9	12.6	6.3	17.63	18.72	. 500	-	.719	9.4
68,44         99,8         155.0         1341.6         7.9         13.4         6.7         21.36         6.25         6.9         6.0         5.1         7.0         6.0         6.0         21.0         6.5         6.0         9.0         1.7         6.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         9.0         1.0         1.0         9.0         1.0         9.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0	68.44 99.8 155.4 1356.9 7.8 13.4 0.7 20.13 21.08 0.625 10.00 0.757 71.40 101.6 167.7 1396.9 7.8 13.6 0.4 20.63 21.75 0.625 10.00 0.757 71.40 101.6 167.7 1396.9 7.9 13.6 0.4 21.38 0.625 10.00 0.757 74.39 103.2 101.6 167.7 141.9 17.6 1413.5 7.8 14.5 0.2 12.38 0.625 10.00 0.757 74.39 103.2 103.6 12.88 0.625 10.00 0.757 74.39 103.2 103.2 103.6 12.88 0.625 10.00 0.757 74.39 103.2 103.6 12.88 0.625 10.00 0.757 74.39 103.2 103.2 103.6 12.88 0.625 10.00 0.757 75.0 15.0 105.0 12.88 0.625 10.00 12.5 10.00 0.757 75.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1	875T	60.35	72.4	3	921.0	6.9	15.7	4.9	17.75	18.88	.500	10.	.875	9.5
70.14 1100.5 165.4 1356.9 7.8 13.6 6.4 20.65 21.75 .625 10.00 72.69 101.6 17.6 1491.4 7.9 14.0 6.3 21.76 .625 10.00 72.69 101.6 17.6 1491.4 7.9 14.0 12.138 21.0 21.8 .625 10.00 72.69 103.2 108.6 1491.4 7.9 14.0 12.138 21.0 21.8 .625 10.00 80.34 106.3 127.6 1545.2 7.8 14.6 7.6 23.6 21.0 21.0 .625 10.00 80.34 106.3 127.6 1545.2 7.8 14.6 7.6 23.6 21.0 10.0 .625 10.00 82.89 132.2 20.1 2014.1 0.0 15.2 9.9 24.3 24.0 .625 10.00 83.30 107.1 2018.2 108.2 20.1 2018.1 0.0 15.2 9.9 24.3 24.0 .625 10.00 86.29 108.2 20.6 1567.3 7.8 15.0 7.8 15.3 24.0 .688 10.00 86.29 108.2 230.6 1567.3 7.8 15.0 7.1 25.3 24.0 .688 10.00 86.29 108.2 230.6 1567.3 7.8 15.0 7.1 25.3 24.0 .688 10.00 86.29 108.2 230.6 1567.3 7.8 15.0 7.1 25.3 24.0 .688 10.00 86.29 108.2 230.6 1567.3 7.8 15.0 27.0 27.0 .608 10.00 99.50 138.3 24.2 2226.3 8.9 16.0 27.0 27.0 .608 11.0 0 99.50 176.3 29.6 28.8 16.0 16.7 11.2 29.2 20.1 3 .608 11.0 0 99.50 176.3 29.6 29.8 17.3 10.0 27.0 .608 11.0 0 101.59 175.9 277.5 3303.6 8.0 16.7 10.3 27.0 .608 11.0 0 101.59 175.3 29.6 3095.7 9.8 17.3 10.0 27.0 .750 11.0 0 101.59 176.3 29.6 3095.7 9.8 17.3 10.0 29.3 26.1 3 .750 11.0 0 101.59 176.3 29.6 3095.7 9.8 17.3 10.0 20.1 3 .750 11.0 0 101.59 176.3 29.6 3095.7 9.8 17.5 10.0 31.3 .8 2.0 .1 3 .750 11.0 0 101.50 176.4 32.4 2 3337.5 360.2 9.8 17.5 11.0 30.0 31.3 .8 2.0 11.0 0 110.4 55.1 56.2 59.2 59.8 17.0 10.0 31.3 .8 2.0 11.0 0 110.4 55.4 318.9 59.3 318.5 9.8 17.8 10.0 31.3 .8 2.0 11.0 10.0 11.0 0 110.4 55.4 318.9 59.8 17.8 10.0 31.3 .8 2.0 1.0 0 11.0 0 110.4 55.4 318.9 51.2 50.2 50.3 11.1 10.2 50.3 31.3 .8 2.0 11.0 0 110.4 55.4 318.9 51.2 50.2 10.8 20.3 11.4 41.3 31.3 .9 10.0 11.0 0 115.5 176.3 51.2 50.2 50.3 11.1 10.7 21.1 12.5 50.0 31.3 31.3 1.0 00 11.0 0 117.5 17.5 17.5 51.5 51.5 51.5 51.5 51.5	710.14 101.6 163.4 1366.9 7.8 13.6 8.4 20.6 3 21.75 .625 94.0 1.075 72.69 101.0 101.6 167.7 1396.5 7.9 13.0 8.3 21.80 21.75 .625 94.0 .075 72.69 101.0 101.6 167.7 1398.5 7.8 13.9 8.3 21.80 21.75 .625 94.0 .075 72.69 101.2 197.6 1451.4 7.9 145.5 7.8 23.25 22.13 .625 94.0 1.075 79.05 101.0 105.2 197.6 1451.4 7.9 145.5 7.8 23.25 22.13 .625 94.0 1.075 91.0 10.3 2 101.0 197.6 1555.2 7.8 145.6 7.8 23.25 22.13 .625 94.0 1.075 91.0 101.2 197.6 1555.2 7.8 145.6 7.8 23.25 22.13 .625 94.0 1.075 91.0 10.3 2 101.0 10.2 197.6 1557.8 7.8 145.8 24.8 6.625 13.0 1.0 1.075 91.0 10.3 2 101.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	1878.	44.89	99.6	155.0	1341.6	7.9	13.4	8.7	20.13	21.88	.625		.875	13.8
71.40 111.6 167.7 1390.5 7.9 13.0 0.3 21.00 21.00 .625 9.00  74.59 103.2 103.2 17.6 1451.5 7.0 14.5 10.3 21.0 21.0 21.0 6.25 11.0 10  74.59 103.2 103.2 17.6 1451.5 7.0 14.5 7.0 21.0 21.0 21.0 5.2 1.0 10  80.34 106.3 137.6 1545.1 7.9 14.5 7.0 21.0 21.0 21.0 6.2 1.0 10  80.34 106.3 137.6 1545.2 7.0 14.5 7.0 21.0 21.0 21.0 6.2 1.0 10  80.35 132.2 201.1 2014.1 8.0 15.2 9.9 24.3 20.0 6.0 10  80.6 13.0 13.0 10.0 10.0 10.0 10.0 10.0 10.0	72.69 101.6 167.7 1330.5 7.9 13.0 0.3 21.00 21.00 .625 9.00 .075 74.39 103.2 101.6 167.7 1330.5 7.9 13.9 0.3 21.00 21.00 .625 11.00 .075 74.39 103.2 101.6 1545.1 7.9 14.1 7.9 14.1 21.3 21.7 6.625 11.0 0 .075 74.39 103.2 101.6 1545.1 7.9 14.1 7.9 14.1 7.9 14.1 7.6 21.0 0 21.0 0 .625 11.0 0 .075 85.30 10.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	750T	70.14	100.5	163.4	1366.9	7.8	13.6	8.4	20.63	21.75	.625		.750	13.7
72.69 111.9 174.6 1413.5 7.8 13.9 6.1 21.38 22.87 625 11.00  79.15 100.3 197.6 1545.4 7.9 14.1 6.1 21.38 22.83 625 11.00  80.34 105.2 205.6 1545.4 7.9 14.5 7.6 23.25 22.13 6.625 10.00  80.34 105.0 205.6 1545.2 7.8 14.6 7.5 23.63 22.80 .625 12.00  83.30 107.1 210.2 206.1 207.6 15.6 14.6 7.5 23.65 22.80 .625 12.00  85.45 135.5 218.2 206.1 207.8 7.8 14.8 7.3 24.5 22.80 .625 12.00  85.45 135.5 218.5 218.5 218.5 218.5 218.5 24.80 .625 11.00  85.45 135.5 218.5 218.5 218.5 218.5 218.0 15.0 7.1 25.5 2.2 13 .688 11.00  86.70 136.1 219.8 2130.5 2130.5 15.0 7 9.7 25.5 2 22.80 .685 11.00  91.50 138.5 235.8 2159.8 8.8 15.8 15.8 25.13 22.80 .685 11.00  91.50 138.5 235.8 2252.9 8.8 15.0 15.1 27.0 27.0 27.80 .686 11.00  91.50 138.5 235.2 2252.9 8.8 15.4 16.7 8.7 25.5 2 22.13 .688 11.00  91.50 138.5 235.2 235.2 2358.5 8.8 16.4 8.7 27.0 27.0 27.80 .686 13.00  91.50 138.5 235.2 235.2 2358.5 8.8 16.4 8.7 27.0 25.13 .688 13.00  91.50 14.5 2 17.5 2013.6 16.1 9.0 27.0 27.0 27.80 .686 13.00  91.50 14.5 2 17.5 2013.8 9.8 17.3 110.2 22.2 25.13 .750 10.00  110.5 2 17.5 2013.6 2013.8 9.8 17.3 110.2 22.2 25.13 .750 10.00  110.5 2 17.5 2013.6 2013.8 9.8 17.8 110.2 22.15 .8 17.5 110.00  110.5 2 17.5 2013.6 2013.8 9.8 17.8 110.2 22.15 .8 17.5 110.00  110.5 2 17.5 2013.6 2013.8 9.8 17.8 110.2 22.15 .8 17.5 110.00  110.5 2 17.5 2013.6 2013.8 9.8 17.8 110.2 22.13 .750 110.00  110.6 5 17.5 2013.6 2013.8 9.8 17.8 110.2 22.13 .750 110.00  110.7 10 10.9 201.8 411.2 40.8 11.2 40.8 11.8 40.8 31.13 .750 110.00  110.8 2 24.8 4 411.2 4 6448.9 10.8 10.8 22.13 3.13 .8 17.0 110.00  110.8 2 24.8 7 438.2 5012.8 11.7 21.4 41.3 8 31.3 8.7 5 11.00  110.8 2 24.8 7 438.2 5012.8 11.7 21.4 41.3 8 31.3 8.8 1.00 11.00  117.2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	72.69 101.9 174.6 1443.5 7.8 13.9 0.1 21.38 21.75 .625 11.0 0 .757 79.1 13.9 0.1 21.38 21.75 .625 11.0 0.075 79.1 13.2 10.0 10.2 11.0 0.075 79.1 10.0 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 11.2 10.0 1	1875T	71.40	101.6	167.7	1396.5	7.9	13.0	8.3	21.00	21.88	.625		.875	13.6
74,39         103,2         100,0         1451,4         7.9         14.1         0.0         21,0         6.21,0         6.25         10.0           00,34         106,0         105,0         145,2         7.0         14.0         7.5         22.0         3         25.0         3         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         1	74.39 103.2 100.6 1451.4 7.9 1441 0.0 21.00 0.055 10.00 0.075 10.30 105.3 197.6 1545.1 7.9 1441 0.0 21.20 0.055 12.0 10.00 0.075 10.30 105.3 197.6 1545.2 7.0 14.6 7.5 23.65 22.13 0.625 12.0 0.075 105.3 13.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	.750T	72.69	101.9	174.6	1413.5	7.8	13.9	9.1	21.38	21.75	.625		.750	13.7
79.16         110.3         117.6         1545.1         7.9         14.6         7.0         23.25         22.13         .625         9.0           82.89         10.34         10.6         15.4         7.0         14.6         7.5         23.6         21.00         .665         12.0           83.30         107.1         210.5         150.7         7.0         14.6         7.3         24.5         22.0         6.6         13.0           85.30         107.1         210.5         2130.5         10.7         10.6         17.1         25.25         24.00         .655         13.0           86.29         130.1         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5         2130.5 </td <td>79.05 106.3 197.6 1545.1 7.9 14.5 7.8 23.25 22.13 .625 9.00 1.125 010.35 1105.0 205.6 1545.2 7.8 14.5 7.3 24.5 22.8 6.65 9.00 1.125 02.3 1105.0 205.6 1545.2 7.8 14.8 7.3 24.5 22.8 6.65 9.00 1.125 05.3 1105.0 2105.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 2016.1 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80.34         106.0         205.6         1555.2         7.0         14.6         7.5         23.63         21.00         .625         12.00         .625         12.00         .625         12.00         .625         12.00         .625         12.00         .625         13.00         .625         13.00         .625         13.00         .625         13.00         .625         13.00         .625         13.00         .625         13.00         .625         13.00         .625         14.00         .625         14.00         .625         14.00         .625         14.00         .625         14.00         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .625         .626         .626         .626         .626         .626         .626         .626         .626 <t< td=""><td>80.34 1106.0 205.6 1545.2 7.6 14.6 7.5 23.63 21.80 6.62 12.00 6.875 82.89 106.0 107.1 216.2 2014.1 8.8 15.6 9.9 24.88 22.80 6.80 19.00 6.875 83.80 107.1 216.2 210.1 126.7 8.8 15.6 22.80 6.80 19.00 6.875 85.85 134.5 213.6 12.80 6.80 19.00 6.875 85.85 134.5 213.6 12.80 6.80 19.00 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6</td><td>1251.</td><td>19.05</td><td>106.3</td><td>37</td><td>1545.1</td><td>7.9</td><td>14.5</td><td>7.8</td><td>23.25</td><td>22.13</td><td>.625</td><td>9-00</td><td>1.125</td><td>13.9</td></t<>	80.34 1106.0 205.6 1545.2 7.6 14.6 7.5 23.63 21.80 6.62 12.00 6.875 82.89 106.0 107.1 216.2 2014.1 8.8 15.6 9.9 24.88 22.80 6.80 19.00 6.875 83.80 107.1 216.2 210.1 126.7 8.8 15.6 22.80 6.80 19.00 6.875 85.85 134.5 213.6 12.80 6.80 19.00 6.875 85.85 134.5 213.6 12.80 6.80 19.00 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.80 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.875 86.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6.8 13.8 6	1251.	19.05	106.3	37	1545.1	7.9	14.5	7.8	23.25	22.13	.625	9-00	1.125	13.9
82.89         132.2         204.1         2014.1         6.6         15.2         9.9         24.36         24.6         6.66         9.0           83.30         107.1         218.2         218.6         156.7         14.6         7.3         24.5         22.6         6.6         15.0           85.30         118.2         218.6         1627.3         7.6         15.0         7.1         25.25         25.2         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.0         6.6         14.	05.89 133.2 204.1 2014.1 0.0 15.2 9.9 24.36 24.00 .600 9.00 .075 05.30 100.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 210.2 1.20 1.20	1578.	80.34	106.0	505.6	1545.2	7.8	14.6	7.5	23.63	21.88	.625	12.00	.875	13.8
63.30         107.1         218.2         1587.6         7.8         14.8         7.3         24.5         24.88         .625.25         24.88         .625.25         24.88         .689         18.8         18.5         9.6         25.35         24.88         .689         18.8         18.8         18.8         .689         18.8         7.1         25.35         21.88         .689         18.7         9.7         25.55         25.33         .688         18.8         18.8         18.8         18.8         18.8         18.8         25.4         25.53         25.8         18.8         18.8         25.1         25.8         25.8         18.8         18.8         25.1         25.8         25.8         18.8         18.8         25.1         25.8         25.8         18.8         18.8         18.8         25.1         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8         25.8<	83.30 107.1 218.2 1587.8 7.8 14.8 7.3 24.50 21.88 .628 13.80 .875 85.25 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2 136.2	.875T	85.89	132.2	204.1	2014.1	8.8	15.2	6.6	24.38	24.88	.688	9.00	.875	17.2
85.85         134.5         218.5         2089.4         8.6         15.6         25.25         24.0         .668         14.00           86.29         136.2         231.6         15.73         7.8         15.7         25.35         25.46         .668         14.00           86.7         136.5         232.8         2130.8         6.8         15.7         9.7         25.63         25.8         .668         11.00           90.64         136.5         232.8         6.8         16.1         9.3         26.3         25.13         .688         11.00           90.84         138.3         247.2         2226.3         6.8         16.1         9.7         27.00         26.8         15.00           96.79         140.0         261.6         2226.3         6.8         16.7         8.7         26.8         6.8         13.0           99.45         173.0         261.6         2380.6         8.8         16.7         8.7         26.8         26.8         13.0           101.5         19.8         17.6         11.2         29.2         25.13         .68         13.0           101.6         10.0         10.0         11.0         27.0	65.65         134.5         210.5         200.9.4         0.0         15.5         9.6         25.25         24.00         .600         1000         .075           66.72         136.1         231.6         165.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	1578.	83.30	107.1	218.2	1587.8	7.8	14.8	7.3	24.50	21.88	.625	13.00	.875	13.8
06.29         100.2         230.6         1627.3         7.0         15.0         7.1         25.5         25.13         686         14.00           06.07         136.1         2130.6         2230.6         3.9         15.7         9.7         25.5         25.13         686         16.00           90.04         136.5         2230.2         2226.3         6.9         16.0         9.3         26.6         25.13         686         19.0           90.54         136.6         2230.2         2226.3         6.9         16.1         9.0         27.00         26.06         9.0           99.60         140.0         261.6         2226.3         6.0         16.1         9.0         27.00         26.0         12.0         12.00           99.69         173.0         267.5         2059.5         9.0         17.5         10.9         27.00         26.0         12.00           101.59         173.0         277.5         3103.6         9.0         17.5         10.2         27.00         6.0         11.0           101.59         175.0         17.5         10.9         27.00         27.00         27.00         11.0         11.0         11.0         11	66.29         108.2         230.6         1627.3         7.0         15.0         7.1         25.30         21.0         .625         14.00         .626         14.00         .626         15.0         25.33         .686         14.00         .675         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .686         .687         .686         .686         .125         .686         .686         .125         .686         .125         .686         .126         .686         .126         .687         .686         .126         .687         .686         .126         .687         .686         .126         .687         .686         .126         .686         .126         .686         .126         .686         .126         .686         .126         .126         .126         .126         .126         .126         .126         .126         .126         .126         .126         .126         .126         .126	.875T	85.85	134.5	218.5	2089.4	8.8	15.5	9.6	25.25	24.88	.688	10-00	.875	17.2
06.70         136.1         219.8         2130.5         6.9         15.7         9.7         25.5         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         26.63         12.63         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.60         12.6	96.70 136.1 219.8 2130.5 6.9 15.7 9.7 25.50 25.13 .686 8.00 1.125 90.84 136.5 232.8 2220.9 8.0 15.8 9.3 26.13 24.86 .688 11.0 0 .075 91.80 136.5 232.8 2220.9 16.0 19.3 26.13 26.86 .688 11.0 0 .075 91.80 138.3 247.3 2226.3 8.6 16.1 9.0 27.00 24.86 .688 12.00 1.125 99.479 140.0 261.6 2380.6 6.8 16.1 9.0 27.00 24.86 .688 13.00 1.125 99.45 173.9 277.2 2326.5 9.8 17.3 16.2 22.25 26.13 .680 13.00 1.125 101.59 173.9 277.5 3103.8 9.8 17.3 11.8 29.45 27.8 26.13 .750 9.00 1.125 101.59 173.9 277.5 3103.8 9.8 17.3 10.8 29.48 27.8 26.13 .750 9.00 1.125 107.10 179.5 3103.9 3198.8 9.8 17.8 10.8 29.85 26.13 .750 9.00 1.125 107.10 179.5 3103.9 3198.8 9.8 17.8 10.8 23.8 26.13 .750 10.00 1.125 107.10 179.5 3103.9 3198.8 9.8 17.8 10.8 23.8 26.13 .750 10.00 1.125 107.10 179.5 313.7 3504.2 9.8 17.8 10.8 31.50 27.13 .750 10.00 1.125 118.9 99 248.7 458.2 512.2 648.8 118.8 40.8 31.3 .750 11.00 1.125 118.9 248.7 458.2 512.2 648.8 11.8 40.8 31.3 .875 11.00 1.125 11.00 1.125 11.00 202.5 512.2 11.8 40.8 31.13 .875 11.00 1.125 11.00 1.125 11.00 202.5 512.2 11.8 40.8 31.13 .875 11.00 1.125 11.00 1.125 11.00 202.5 512.2 642.2 11.8 40.8 31.13 .875 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 1	1578·	86.29	108.2	230.6	1627.3	7.8	15.0	7.1	25.38	21.88	.625	14.00	.675	13.8
90.94 136.5 232.0 2159.0 8.0 15.0 9.3 26.13 24.80 .600 11.00 91.54 138.5 2226.3 2220.9 8.9 16.1 9.3 26.63 25.13 .600 90.00 91.54 138.5 227.3 2226.3 8.8 16.1 9.0 27.00 24.00 .600 12.00 91.7 138.3 227.2 228.3 6.8 16.1 9.0 27.0 24.00 .600 12.00 91.7 11.2 21.0 24.00 .600 12.00 91.7 11.2 21.2 24.0 253.2 2551.3 .600 11.0 91.7 11.2 21.2 21.3 .600 11.0 11.2 21.2 21.3 .600 11.0 11.2 21.2 21.0 253.2 2551.3 .600 11.0 11.2 21.2 21.0 253.2 2551.3 .600 11.0 11.2 21.2 21.0 253.2 2551.3 .7 2 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11	90.64 136.5 232.0 2159.0 0.0 15.0 9.3 26.13 24.00 .600 11.00 .075 910.54 138.6 238.2 2220.9 0.9 16.1 9.3 26.53 25.13 .600 19.10 .0125 910.54 138.6 228.7 3 2226.3 0.9 16.1 0.3 26.53 25.13 .600 13.00 .0125 910.130.3 247.2 2226.3 0.0 16.1 0.2 26.63 25.13 .600 13.00 .0125 910.19 142.8 274.2 2380.6 0.0 16.1 0.7 27.00 25.13 .600 11.00 1.125 910.19 142.8 274.2 2380.6 0.0 16.1 11.2 29.25 28.13 .750 11.00 1.125 910.19 175.4 283.7 3083.5 9.0 17.3 11.2 29.25 28.13 .750 10.0 1.125 910.59 176.4 283.7 3083.5 9.0 17.3 11.2 29.25 28.13 .750 10.0 1.125 910.94 182.2 324.2 3305.7 9.0 17.3 10.0 32.95 26.13 .750 10.0 1.125 910.94 182.2 324.2 3305.2 9.0 17.3 10.0 32.95 26.13 .750 10.0 1.125 910.94 182.2 324.2 3305.2 9.0 10.0 10.0 35.0 26.13 .750 10.0 1.125 910.94 182.2 9 275.2 9.0 10.0 10.0 35.0 26.13 .750 10.0 1.125 910.94 182.2 9 24.1 2 9.0 10.0 10.0 31.3 .075 10.0 1.125 910.94 182.2 9 24.1 2 9.0 10.0 10.0 31.3 .075 11.0 1.125 910.94 182.2 9 24.1 11.7 21.4 11.3 11.3 .075 11.0 1.375 910.99 245.0 56.5 9.0 10.0 12.0 34.3 0.0 11.0 11.0 1.375 910.90 336.9 56.5 9.5 10.0 12.7 22.0 11.4 41.3 34.3 1.0 0 13.0 13.0 1.375 910.90 336.9 56.5 9.5 10.0 12.7 22.0 11.7 55.00 34.3 1.0 0 15.0 1.375 910.90 336.9 56.5 7769.9 11.7 22.9 11.7 55.00 34.3 1.0 0 15.0 1.375 910.90 336.9 56.5 7769.9 11.7 22.9 11.7 55.00 34.3 1.0 0 15.0 1.375 910.90 336.9 56.5 7769.9 11.7 22.9 11.7 55.00 34.3 1.0 0 16.0 16.0 1.375	.1251	86.70	136.1	219.8	2130.5	8.9	15.7	9.7	25.50	25.13	.688	8.00	1.125	17.4
90.54 138.6 238.2 2220.9 0.9 16.0 9.3 26.63 25.13 .600 9.00 91.00 138.3 247.3 2226.3 6.0 16.1 9.0 27.00 24.00 .600 12.00 94.79 140.0 261.6 2206.7 226.3 6.0 16.1 9.0 27.0 24.00 .600 12.00 96.19 140.0 261.6 2206.7 226.0 24.00 .600 12.00 96.19 140.0 261.2 2269.5 9.0 17.1 11.2 29.25 26.13 .750 11.00 101.59 173.9 277.5 3003.6 9.0 17.1 11.2 29.25 26.13 .750 11.00 103.2 176.4 203.7 3003.5 9.0 17.1 11.2 29.25 26.13 .750 9.00 104.55 176.3 293.6 277.5 3003.6 9.0 17.1 10.2 29.26 27.0 0 .750 11.00 103.2 176.4 203.7 3003.5 9.0 17.5 10.9 30.36 20.13 .750 9.00 107.10 179.5 303.9 277.5 3004.2 9.0 17.6 10.5 30.75 27.0 0 .750 11.00 107.10 179.5 303.9 3096.8 9.0 17.6 10.5 30.75 27.0 0 .750 11.00 110.00 110.2 22.0 20.2 32.7 32.7 3604.2 9.0 17.6 10.5 30.0 20.3 3.0 37.5 12.0 110.00 110.00 136.9 246.7 456.2 9.0 10.0 11.0 40.00 31.3 37.3 6.75 11.00 110.00 156.0 246.7 455.2 6020.1 10.0 20.3 11.1 42.00 31.13 .075 11.00 110.00 153.0 246.7 455.2 6020.1 11.7 21.4 41.30 31.3 34.30 .875 11.00 11.00 163.6 310.3 512.2 6020.1 11.7 21.4 13.2 40.13 34.30 1.000 13.00 13.00 157.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.9 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516.0 516	90.54 138.6 238.2 2226.3 8.9 16.0 9.3 26.63 25.13 .600 9.00 1.129 90.10 140.2 261.6 26.0 138.3 247.3 2226.3 8.8 16.1 9.0 27.0 24.8 6 .688 12.0 .875 90.19 142.8 274.2 2280.6 6.8 16.4 16.7 8.7 28.8 6 .688 11.0 1.125 90.2 1 173.9 277.5 2103.8 9.8 17.1 11.2 29.25 28.13 .688 11.0 1.125 110.5 9 175.9 277.5 3103.8 9.8 17.1 11.2 29.25 28.13 .750 8.00 1.125 110.5 9 176.3 293.6 3195.7 9.8 17.5 110.8 29.8 27.8 8 .750 11.0 1.125 110.4 55 176.3 293.6 27.8 8 .750 11.0 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.125 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.127 110.9 1.1	.875T	88.84	136.5	232.8	2159.8	8.8	15.8	9.3	26.13	24.88	.688	11.00	.875	17.2
91.00 138.3 247.3 2226.3 0.0 16.4 0.7 27.00 24.00 .600 12.00 94.79 140.0 251.6 250.5 3 0.0 15.0 16.4 0.79 140.0 261.6 250.5 3.0 0.0 16.4 0.7 27.0 26.13 .750 15.0 0.0 101.59 173.0 263.2 2959.5 9.0 17.1 11.2 29.25 26.13 .750 0.0 101.59 173.0 263.2 2959.5 9.0 17.1 11.2 29.25 26.13 .750 0.0 101.59 173.0 277.5 3103.5 9.0 17.1 11.2 29.25 26.13 .750 0.0 101.59 176.4 203.7 3103.5 9.0 17.5 10.0 30.36 26.13 .750 17.0 101.59 176.4 203.7 3103.5 9.0 17.5 10.9 30.36 26.13 .750 17.0 101.0 170.5 176.5 293.6 3195.7 9.0 17.5 10.9 30.36 26.13 .750 17.0 10.0 110.0 4 102.2 324.2 3310.6 9.0 17.0 10.5 31.5 26.13 .750 17.0 10.0 110.0 4 122.4 0 411.2 4040.9 10.8 10.8 36.0 26.13 .750 110.0 1122.4 0 411.2 4040.9 10.8 11.0 40.0 31.3 .0 75 11.0 11.0 136.0 244.0 411.2 4040.9 10.8 11.0 40.0 31.13 .0 75 11.0 11.0 11.0 11.0 244.0 411.2 4040.9 10.8 11.0 41.30 31.13 .0 75 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.	91.80 138.3 247.3 2226.3 6.6 16.1 9.0 27.00 24.00 .600 12.00 .075 94.79 140.0 251.3 2226.3 6.6 16.4 8.7 27.6 24.00 .600 13.0 .075 99.45 173.0 251.2 2300.6 6.0 16.7 10.7 10.7 27.6 6.6 13.0 .075 101.29 173.0 277.5 2300.6 9.6 17.1 10.7 29.25 26.13 .750 10.0 11.25 101.59 173.9 277.5 3103.0 9.0 17.1 10.2 29.25 26.13 .750 10.0 11.25 101.3.2 176.4 283.7 3108.5 9.8 17.5 10.9 30.38 26.13 .750 11.0 0 .075 10.4 10.5 31.5 10.9 30.38 26.13 .750 11.0 0 .075 110.0 175.5 10.9 30.3 26.13 .750 11.0 0 .075 110.0 170.5 319.5 176.4 283.7 3108.8 9.8 17.6 110.5 31.5 10.8 26.13 .750 12.0 0 .075 110.0 1.0 170.5 110.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	.125T	90.54	138.6	238.2	2220.9	8.9	16.0	9.3	26.63	25.13	.688	9.00	1.125	17.4
94.79 140.0 261.6 2288.7 8.8 16.4 8.7 27.86 24.86 .688 11.00 996.19 142.8 274.2 2388.6 8.8 17.1 12.2 29.25 25.13 .750 8.00 110.59 173.0 263.2 2959.5 9.8 17.1 11.2 29.25 25.13 .750 8.00 110.59 173.9 277.5 3103.8 9.8 17.3 110.8 29.25 27.8 27.8 77.0 11.0 113.2 176.4 283.7 3108.5 9.8 17.5 110.9 310.8 27.8 77.0 77.0 110.00 110.55 176.3 293.6 3195.7 9.8 17.5 110.9 310.8 27.8 77.0 77.0 110.0 110.9 176.4 283.7 3108.5 9.8 17.5 110.9 310.8 27.8 77.0 9.0 110.0 110.9 176.4 283.7 3108.5 9.8 17.5 110.9 310.8 27.8 77.0 110.0 110.0 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9 110.9	94.79 140.0 261.6 2288.7 8.0 16.4 8.7 27.80 24.00 .600 13.00 .075  96.19 142.8 274.2 2388.6 8.0 16.7 8.7 28.80 25.13 .600 11.00 11.25  99.19 142.8 274.2 2388.6 8.0 16.7 11.2 29.25 28.13 .600 11.00 10.125  101.59 173.9 277.5 303.8 9.0 17.1 11.2 29.25 27.00 .750 1.000 1.125  103.29 176.4 283.7 3083.5 9.0 17.5 10.9 30.38 20.13 .750 9.0 1.125  104.55 176.3 293.6 3095.7 9.0 17.6 10.5 30.75 27.00 .750 12.00 .075  110.94 182.2 324.2 336.5 9.0 17.6 10.5 30.75 27.00 .750 12.00 .075  110.94 182.2 324.2 336.5 9.0 17.6 10.5 30.75 27.00 .750 11.00 1.125  110.94 182.2 324.2 336.5 9.0 17.6 10.8 32.63 20.13 .750 10.0 1.125  122.40 202.5 333.7 336.2 9.0 17.8 110.8 32.63 20.13 .750 10.0 1.125  136.99 246.7 436.2 5012.0 11.0 20.0 11.4 40.00 31.13 .075 11.00 1.375  140.69 246.7 455.4 5042.2 10.8 20.2 11.4 41.30 31.3 .075 14.00 1.125  140.89 246.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .075 14.00 1.125  140.89 246.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .075 14.00 1.125  156.70 256.1 519.3 5406.3 11.7 21.4 13.2 40.13 34.30 .000 11.00 1.375  172.44 365.1 575.2 834.6 11.7 21.4 13.2 40.13 34.30 .000 13.00 1.375  173.84 368.9 552.4 8431.2 12.7 23.0 14.5 50.63 34.30 1.000 11.00 1.375  187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 11.00 1.375  187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 10.00 1.375	1578.	91.80	138.3	247.3	2226.3	8.8	16.1	9.0	27.00	24.88	.688	12.00	.875	17.2
96.19 142.8 274.2 2380.6 8.8 16.7 8.7 28.88 25.13 .688 11.00 199.45 173.0 263.2 2959.5 9.8 17.1 11.2 29.25 26.13 .750 6.00 101.59 173.9 277.5 3103.8 9.8 17.1 11.2 29.25 26.13 .750 8.00 103.29 176.4 283.7 3183.5 9.8 17.5 10.9 30.38 27.88 .750 91.00 104.55 176.3 293.6 3195.7 9.8 17.6 10.5 31.75 27.88 .750 11.00 110.94 182.2 324.2 3316.5 9.8 17.6 10.5 31.50 28.13 .750 10.00 110.94 182.2 324.2 3316.5 9.8 17.6 10.5 32.63 28.13 .750 10.00 122.40 282.5 333.7 3504.2 9.8 17.8 10.8 32.63 28.13 .750 11.00 122.40 282.5 333.7 3504.2 9.8 17.8 10.8 36.00 28.38 .875 11.00 138.99 245.8 432.9 4914.4 10.8 20.2 11.4 41.38 31.33 .875 11.00 142.80 248.7 436.2 5012.0 10.8 20.2 11.4 41.30 31.13 .875 11.00 153.20 319.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 11.00 172.94 365.1 519.3 5448.3 10.8 20.1 11.4 42.00 34.30 1.000 11.00 172.94 365.1 575.2 8341.6 11.7 21.4 13.2 48.13 34.38 1.000 13.00 172.94 365.1 650.8 9018.9 12.8 22.8 14.5 50.63 37.13 1.000 11.00 173.84 368.9 582.6 8491.2 12.7 22.0 14.5 50.63 37.13 1.000 11.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 11.000	99.45 173.0 263.2 2959.5 9.6 17.1 11.2 29.25 28.13 .688 11.010 1.125 193.45 173.0 263.2 2959.5 9.6 17.1 11.2 29.25 28.13 .750 8.10 1.125 110.59 173.9 277.5 3103.8 9.6 17.1 11.2 29.25 28.13 .750 8.10 1.125 110.59 176.3 293.6 293.6 17.5 110.9 30.38 28.13 .750 11.0 1.125 110.55 176.3 293.6 3198.8 9.6 17.5 110.9 30.38 28.13 .750 12.0 0.01 1.125 110.7 170.5 176.3 293.6 3198.8 9.6 17.6 110.5 38.75 27.88 .750 110.0 1.125 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 110.7 11	.875T	64.46	140.0	261.6	2288.7	9.6	16.4	8.7	27.88	24.88	.688	13-00	.875	17.2
99.45 173.0 263.2 2959.5 9.0 17.1 11.2 29.25 20.13 .750 8.00 101.59 173.9 277.5 3003.8 9.0 17.3 10.0 29.00 27.00 .750 11.00 104.59 176.4 293.7 3003.8 9.0 17.5 10.9 30.38 20.13 .750 11.00 110.45 176.3 293.6 3193.7 9.0 17.6 10.5 31.50 27.00 .750 12.00 110.4 102.5 3176.3 303.9 3190.8 17.6 10.5 31.5 27.00 .750 12.00 110.94 102.2 324.2 3306.5 9.0 17.0 10.5 31.5 20.13 .750 12.00 110.94 102.2 324.2 3306.2 9.0 17.0 10.5 32.63 20.13 .750 110.00 122.40 202.5 333.7 3504.2 9.0 17.0 10.0 33.50 20.3 .875 13.00 136.00 245.8 432.9 4914.4 10.0 11.0 40.00 31.3 .875 13.00 142.80 245.8 432.9 4914.4 10.0 20.2 11.4 40.00 31.3 .875 13.00 142.80 245.8 432.9 4914.4 10.0 20.3 11.1 42.00 31.3 .875 11.00 11.00 142.80 245.8 432.9 4914.4 10.0 20.3 11.1 42.00 31.3 .875 11.00 10.00 153.6 310.3 544.8 50.2 11.0 20.3 11.1 42.00 31.3 .875 11.00 10.00 153.6 310.3 512.2 6820.1 11.7 21.4 13.2 40.13 34.3 .875 11.00 10.00 153.6 310.3 512.2 6820.1 11.7 21.4 13.2 40.13 34.30 .875 11.00 11.00 172.9 327.9 576.6 7231.0 11.7 22.4 13.2 40.13 34.30 1.000 13.00 172.9 327.9 576.6 7231.0 11.7 22.1 12.5 50.00 34.3 1.000 13.00 13.00 13.00 187.00 336.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.3 1.000 13.00 13.00 187.00 336.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.3 1.000 13.00 16.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.00 187.0	99.45 173.0 263.2 2959.5 9.8 17.1 11.2 29.25 28.13 .750 8.00 1.125 1101.59 173.9 277.5 3103.8 9.8 17.3 110.8 29.06 27.80 .750 11.00 .875 1104.59 176.4 203.7 3103.5 9.8 17.5 110.9 30.38 20.13 .750 11.00 .875 1104.59 176.4 203.7 3195.8 9.8 17.6 10.5 31.75 27.80 .750 12.00 .875 110.94 182.2 324.2 3310.8 9.8 17.6 10.5 31.50 20.13 .750 11.00 1.125 110.94 182.2 324.2 3310.5 9.8 18.1 10.2 32.63 20.13 .750 11.00 1.125 122.40 202.5 333.7 3504.2 9.8 18.1 10.2 32.63 20.13 .750 11.00 1.125 122.40 202.5 333.7 3504.2 9.8 18.1 10.2 32.63 20.13 .750 11.00 1.125 136.00 244.8 411.2 4848.9 10.8 19.8 11.8 40.00 31.38 .875 11.00 1.375 140.69 245.8 432.9 4914.4 10.8 20.3 11.4 41.30 31.33 .875 13.00 1.375 140.69 245.8 7 555.4 5042.2 10.8 20.3 11.4 41.30 31.33 .875 14.00 1.375 153.60 248.7 555.4 5042.2 10.8 20.3 11.4 41.30 31.33 .875 14.00 1.375 153.60 248.7 555.4 5042.2 10.8 20.3 11.4 41.30 31.33 .875 14.00 1.375 153.60 248.7 555.4 5042.2 10.8 20.3 11.4 41.30 31.33 .875 14.00 1.375 153.60 250.1 519.3 5448.3 10.8 21.1 10.5 45.50 31.3 .875 14.00 1.375 153.60 319.3 512.2 6828.1 11.7 21.4 13.2 50.63 37.13 1.000 11.00 1.375 172.49 327.9 576.6 7231.8 11.7 22.9 11.7 55.00 34.36 1.000 11.00 11.00 1.375 181.90 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.36 1.000 11.00 11.00 1.375	.125T	96.19	142.8	274.2	2380.6	8.8	16.7	8.7	28.88	25.13	.688	11.00	1.125	17.4
101.59 173.9 277.5 3003.8 9.0 17.3 10.0 29.00 27.00 .750 11.000 103.29 176.4 283.7 3083.5 9.0 17.5 10.9 30.38 26.13 .750 9.00 110.455 176.3 293.6 3199.7 9.0 17.6 10.5 31.50 27.00 .750 12.00 110.10 179.5 303.9 3198.8 9.0 17.6 10.5 31.50 26.13 .750 10.00 110.94 102.2 324.2 3306.5 9.0 10.0 17.0 10.5 32.63 26.13 .750 10.00 122.40 202.5 333.7 3504.2 9.0 10.0 31.6 35.00 28.30 .075 11.00 136.00 246.8 411.2 4914.4 10.0 11.0 40.00 31.3 .075 10.00 136.00 246.8 411.2 4914.4 10.0 11.4 40.00 31.3 .075 10.00 142.00 248.7 436.2 5012.0 10.0 11.4 40.00 31.3 .075 11.00 142.00 248.7 456.2 5012.0 10.0 21.1 42.00 31.3 .075 11.00 142.0 12.0 248.7 456.2 5012.0 10.0 21.1 42.00 31.3 .075 11.00 10.00 163.0 31.3 512.2 6628.1 11.7 21.4 13.2 48.13 34.30 .075 14.00 163.6 318.9 516.9 5824.6 11.7 21.4 13.2 48.13 34.30 1.000 11.00 11.00 172.0 318.9 516.9 516.9 11.7 22.4 13.2 48.13 34.30 1.000 13.00 172.0 172.0 321.0 512.0 512.0 12.7 22.1 12.5 50.00 34.30 1.000 13.00 13.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 13.00 16.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 10.00 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 10.00 10.00 10.00 10.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.30 1.000 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 1	101.59 173.9 277.5 3003.8 9.0 17.3 10.0 29.00 27.00 .750 11.00 .075 103.29 176.4 203.7 3003.8 9.0 17.5 10.9 30.38 20.13 .750 9.00 1.125 104.55 176.3 293.6 3195.7 9.0 17.6 10.5 30.75 27.00 .750 10.00 .075 110.01 170.5 310.50 27.00 .750 10.00 1.125 110.94 182.2 324.2 33198.9 9.0 17.0 10.5 31.50 20.13 .750 10.00 1.125 122.40 202.5 333.7 3604.2 9.0 17.0 10.0 36.00 20.33 .750 110.00 1.125 122.40 202.5 333.7 3604.2 9.0 17.0 10.0 36.00 20.33 .750 110.00 1.125 136.00 244.0 411.2 4916.9 10.0 19.0 11.0 10.0 1.375 136.00 244.0 411.2 4916.9 10.0 19.0 11.0 11.0 11.0 11.0 11.0 11	1251	99.45	173.0	263.2	2959.5	9.6	17.1	11.2	29.25	28.13	.750	00.0	1.125	21.2
103.29 176.4 203.7 3003.5 9.6 17.5 10.9 30.36 26.13 .750 9.00 104.55 176.3 293.6 3199.7 9.8 17.6 10.5 30.75 27.86 .751 12.00 110.94 162.2 324.2 3198.8 9.8 17.6 10.5 30.75 27.86 .751 12.00 110.94 162.2 324.2 3196.5 9.8 17.8 10.8 32.63 26.13 .750 110.00 122.40 202.5 333.7 3504.2 9.8 17.8 10.8 35.03 26.13 .750 110.00 132.0 244.8 411.2 4848.9 10.8 19.8 11.8 40.80 31.3 .875 10.00 140.69 248.7 436.2 5012.8 10.8 20.8 11.4 40.80 31.3 .875 110.00 140.69 248.7 436.2 5012.8 10.8 20.8 11.4 40.80 31.3 .875 110.00 142.80 248.7 455.4 5042.2 10.8 20.8 11.4 41.38 31.33 .875 110.00 153.20 319.3 512.2 5042.1 11.7 21.4 12.00 31.13 .875 14.00 163.6 319.3 512.2 6828.1 11.7 21.4 13.8 46.00 34.30 .875 14.00 163.6 318.9 516.9 6823.7 11.7 21.4 13.8 46.00 34.30 1.000 11.00 11.00 172.99 327.9 576.6 7231.8 11.7 22.4 14.5 50.63 37.13 1.000 13.00 13.00 173.84 368.9 592.4 8491.2 12.7 22.1 14.5 50.08 34.38 1.000 13.00 11.00 18.00 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 13.00 18.00 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 187.00 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 187.00 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.	103.29 176.4 283.7 3083.5 9.6 17.5 10.9 30.36 26.13 .750 9.00 1.125 1076.3 276.3 276.3 275.3 275.3 12.0 .875 1075.3 176.3 293.6 3199.7 9.6 17.6 10.5 31.75 27.86 .750 12.00 .875 1107.1 179.5 313.5 3196.8 9.6 17.6 10.5 31.75 26.13 .750 110.00 1.125 1122.40 202.5 333.7 3604.2 9.6 17.8 10.8 36.00 28.38 .875 10.00 1.375 136.00 244.8 411.2 4848.9 10.6 19.8 11.0 40.80 31.13 .875 10.00 1.375 140.69 248.7 455.4 6914.4 10.8 20.0 11.4 40.80 31.13 .875 11.00 1.375 140.69 248.7 455.4 5012.2 10.8 20.0 11.4 40.80 31.13 .875 11.00 1.375 140.69 248.7 455.4 5012.2 10.8 20.2 11.4 40.80 31.13 .875 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 11.000 1.375 18.70 18.70 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 1.375 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70 18.70	.875T	101.59	173.9	277.5	3003.8	9.6	17.3	10.0	29.88	27.88	.750	11.00	.875	21.0
110.4.55 176.3 293.6 3199.7 9.8 17.6 10.5 30.75 27.86 .750 12.00 110.41 179.5 313.9 3198.8 9.8 17.8 10.5 31.50 28.13 .750 110.00 110.94 102.2 324.2 33108.8 9.8 17.8 10.5 31.50 28.33 .750 110.00 122.40 202.5 333.7 3504.2 9.8 17.8 10.8 35.00 28.33 .750 110.00 132.40 202.5 333.7 3504.2 9.8 17.8 10.8 35.00 28.33 .875 110.00 138.99 248.7 4938.2 4914.4 10.8 20.0 11.4 40.80 31.13 .875 110.00 140.69 248.7 4938.2 5112.8 10.8 20.2 11.4 41.38 31.33 .875 110.00 142.80 248.7 495.4 504.2 10.8 20.2 11.4 41.38 31.33 .875 110.00 154.70 258.1 519.3 542.2 10.8 20.2 11.4 41.38 31.33 .875 14.00 154.70 258.1 519.3 542.2 10.8 20.2 11.4 41.38 48.00 34.33 .875 14.00 16.00 163.6 318.9 512.2 6828.1 11.7 21.4 13.3 48.00 34.30 .875 14.00 11.00 11.2 12.5 6828.1 11.7 22.4 13.3 48.13 34.38 .875 14.00 11.00 11.7 21.4 13.2 48.13 34.38 1.000 11.00 11.7 21.4 13.2 48.13 37.33 1.000 11.00 11.7 21.4 13.2 48.13 37.33 1.000 13.00 17.3 48.36 36.9 552.6 7231.8 11.7 22.4 12.5 50.88 34.38 1.000 13.00 13.00 18.00 381.9 552.8 655.5 7759.9 11.7 22.1 12.5 50.08 34.38 1.000 13.00 18.00 18.7 51.00 338.9 655.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 18.7 51.00 338.9 655.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 10.00 10.7 20.00 338.9 655.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 10.00 10.7 20.00 338.9 655.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 10.00 10.7 20.00 34.38 1.000 10.00 10.00 10.00 10.7 20.00 34.38 1.000 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00	107-10 179-5 303-6 3095-7 9.6 17.6 10.5 31.75 27.86 .750 12.00 .075 1107-10 179-5 303-9 3198-8 9.6 17.6 10.5 31.50 28.13 .750 10.00 1.125 110.94 182-2 324-2 3306-5 9.6 17.6 10.5 32.63 28.13 .750 11.00 1.125 125-202-5 333-7 3504-2 9.6 17.8 10.6 35.00 28.36 .075 11.00 1.375 136.00 244.8 411.2 4848-9 10.6 19.8 11.6 40.00 31.3 .075 10.00 1.375 140.69 248.7 432-9 4914-4 10.6 20.2 11.4 41.36 31.13 .075 11.00 1.375 140.69 248.7 458-2 5012-8 10.8 20.2 11.4 41.36 31.13 .075 11.00 1.375 140.69 248.7 455-4 5042-2 10.8 20.2 11.4 41.36 31.13 .075 11.00 1.375 142.80 248.7 455-4 5042-2 10.8 20.3 11.1 42.00 31.13 .075 14.00 1.375 142.80 153-6 319.3 5448-3 10.8 21.1 10.5 45.50 31.38 .075 14.00 1.375 142.80 153-6 5028-1 11.7 21.4 13.2 40.13 34.36 1.000 13.00 1.375 172.99 327-9 576-6 7231-8 11.7 21.4 13.2 40.13 34.36 1.000 13.00 1.375 173.84 368-9 582-4 8431-2 12.7 22.0 14.5 51.3 37.38 1.000 13.00 1.375 181.90 381.0 65.5 7769-9 11.7 22.9 11.7 55.00 34.38 1.000 15.00 1.375 181.90 381.0 65.5 7769-9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 1875 1875 1875 1875 1875 1875 1875 18	.125T	103.29	176.4	283.7	3083.5	9.8	17.5	10.9	30.38	28.13	.750	9.00	1.125	
110.94 182.2 324.2 3316.5 9.6 18.1 10.2 32.63 26.13 .750 110.00 110.94 182.2 324.2 3316.5 9.6 18.1 10.2 32.63 26.13 .750 11.00 122.40 202.5 332.7 3516.2 9.6 18.1 10.2 32.63 26.13 .750 11.00 13.2 40 202.5 333.7 3516.2 9.6 17.8 10.6 35.10 36.30 .875 9.00 1356.00 244.6 411.2 4846.9 10.6 19.8 11.8 40.80 31.13 .875 10.00 140.69 245.7 436.2 5012.8 11.8 40.80 31.13 .875 10.00 140.69 248.7 436.2 5012.8 10.8 20.3 11.4 41.38 31.38 .875 11.00 142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .875 11.00 154.70 258.1 519.3 5448.3 10.8 20.3 11.1 42.00 31.13 .875 14.00 163.6 43.5 48.1 11.7 21.4 13.3 48.0 34.3 1.00 11.00 11.00 172.9 327.9 576.6 7231.6 11.7 21.4 13.2 46.13 34.38 1.000 13.00 177.8 436.9 562.4 6491.2 12.7 22.0 14.5 50.63 37.13 1.000 13.00 177.8 436.9 562.4 6491.2 12.7 22.0 14.5 50.63 37.38 1.000 11.00 11.00 181.90 336.9 655.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 11.00 11.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 16.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 16.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00	107.10 179.5 303.9 3198.8 9.8 17.8 10.5 31.50 20.13 .750 10.00 1.125 122.40 202.5 324.2 3306.5 9.8 18.1 10.2 32.63 20.13 .750 11.00 1.125 136.9 244.8 411.2 4040.9 10.0 11.0 31.3 .750 11.0 1.125 136.9 244.8 411.2 4040.9 10.0 11.0 11.0 11.0 11.0 11.0 11.0 1	15 29 .	104.55	176.3	293.6	3095.7	9.8	17.6	10.5	30.75	27.88	.750	12.00	.875	
110.94 182.2 324.2 3306.5 9.8 18.1 10.2 32.63 26.13 .750 11.000 122.40 202.5 333.7 3504.2 9.8 17.8 10.6 36.00 26.36 .875 9.00 136.00 244.8 411.2 4848.9 10.6 19.8 11.6 40.00 31.33 .875 10.00 136.00 245.6 432.9 4914.4 10.6 20.0 11.4 40.80 31.13 .875 11.00 140.69 246.7 436.2 5012.8 10.8 20.2 11.4 41.38 31.33 .875 11.00 142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .875 114.00 153.2 319.3 5448.3 10.8 20.3 11.1 42.00 31.13 .875 14.00 153.2 139.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 11.00 11.00 172.9 327.9 576.6 7231.6 11.7 21.4 13.2 48.13 34.38 1.000 13.00 177.2 1 355.1 575.2 8341.6 11.7 22.1 12.5 50.83 37.13 1.000 13.00 177.3 84 36.8 552.4 8431.2 12.7 22.0 14.5 50.83 37.38 1.000 13.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 55.00 34.38 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 187.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00	110.94 182.2 324.2 3306.5 9.6 18.1 10.2 32.63 20.13 .750 11.00 1.125 122.40 202.5 333.7 3504.2 9.6 17.8 10.8 35.00 28.36 .875 9.00 1.375 136.99 244.8 411.2 44048.9 10.6 19.6 11.8 40.00 31.13 .875 19.00 1.375 140.69 245.6 452.9 4914.4 10.6 20.0 11.4 40.80 31.13 .875 11.00 1.125 140.69 248.7 438.2 5012.8 10.8 20.3 11.1 42.00 31.13 .875 11.00 1.125 142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .875 14.00 1.125 154.70 256.1 519.3 5448.3 10.6 21.1 10.5 45.50 31.36 .875 14.00 1.375 153.20 319.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 11.00 1.375 172.14 355.1 575.2 6341.6 11.7 21.4 13.3 48.00 34.36 1.000 11.00 1.375 172.99 327.9 576.6 7231.8 11.7 22.9 14.5 50.63 37.13 1.000 13.00 1.375 173.84 368.9 582.4 0491.2 12.7 22.9 14.5 550.88 34.38 1.000 13.00 1.375 181.90 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.750	.125T	107.10	179.5	303.9		9.6	17.8	10.5	31.50	28.13	.750	10-00	1.125	
122.40 202.5 333.7 3504.2 9.6 17.8 10.6 35.00 26.36 .875 9.00 136.00 244.8 411.2 4848.9 10.6 19.8 11.6 40.00 31.33 .875 10.00 136.00 244.8 411.2 4848.9 10.6 19.8 11.4 40.86 31.13 .875 110.00 145.8 432.9 4914.4 10.8 20.2 11.4 41.30 31.33 .875 11.00 142.80 248.7 436.2 5012.0 10.8 20.2 11.4 41.30 31.33 .875 11.00 154.70 258.1 519.3 5448.3 10.8 20.3 11.1 42.00 31.33 .875 14.00 153.2 319.3 512.2 6828.1 11.7 21.4 13.3 46.00 34.50 1.000 10.00 163.0 13.3 13.3 13.3 13.3 13.3 13.3 13.3 1	122.40 202.5 333.7 3504.2 9.6 17.8 10.6 35.00 26.36 .875 9.00 1.375 136.00 244.8 411.2 4848.9 10.6 19.8 11.8 40.00 31.38 .875 10.00 1.375 138.00 245.8 432.9 4914.4 10.6 20.0 11.4 40.86 31.33 .875 11.00 1.125 140.69 245.8 432.9 4914.4 10.8 20.2 11.4 40.86 31.33 .875 11.00 1.125 142.8 248.7 455.4 5012.8 10.8 20.2 11.4 41.36 31.38 .875 11.00 1.275 15.00 248.7 455.4 5048.3 10.8 20.2 11.4 41.36 31.3 .875 14.00 1.375 15.9 248.7 455.4 5048.3 10.8 20.2 11.4 41.36 31.3 .875 14.00 1.375 15.9 248.7 455.4 5048.3 10.8 20.1 11.7 21.4 13.3 48.10 34.36 1.000 11.275 15.0 1.255 15.9 6023.7 11.7 21.4 13.2 48.13 34.36 1.000 11.00 1.375 17.2 17.2 17.2 17.2 17.3 1.000 11.00 11.2 11.2 11.2 11.2 11.2 11	.125T	110.94	182.2	324.2	3306.5	8.6	18.1	10.2	32.63	28.13	.750	11.00	1.125	
136.00 244.8 411.2 4848.9 10.8 19.8 11.8 40.00 31.38 .875 10.00 138.99 245.8 432.9 4914.4 10.8 20.0 11.4 40.88 31.13 .875 13.00 142.80 245.8 432.9 5012.0 10.8 20.2 11.4 41.38 31.33 .875 11.00 142.80 248.7 456.2 5012.0 10.8 20.2 11.4 42.00 31.13 .875 11.00 154.70 258.1 519.3 548.2 10.8 21.1 10.5 45.50 31.38 .875 14.00 163.2 319.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 10.00 172.99 327.9 516.9 6823.7 11.7 21.4 13.2 48.13 34.38 1.000 11.00 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.63 37.13 1.000 13.00 177.8 4 368.9 576.6 7231.8 11.7 22.1 12.5 50.88 37.13 1.000 13.00 13.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 55.00 34.38 1.000 10.00 18.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00	136.00 244.8 411.2 4848.9 10.8 19.8 11.8 40.80 31.36 .875 10.00 1.375 140.80 245.8 432.9 432.9 4914.4 10.8 20.0 11.4 40.80 31.13 .875 13.00 1.125 140.89 248.7 455.4 5012.8 10.8 20.2 11.4 41.36 31.13 .875 11.00 1.325 154.70 258.1 519.3 5448.3 10.8 21.3 11.4 42.00 31.13 .875 14.00 1.325 153.2 319.3 512.2 6828.1 11.7 21.4 13.3 46.00 34.50 1.00 10.00 1.575 172.14 365.1 575.2 8341.6 11.7 21.4 13.2 48.13 34.38 1.000 11.00 1.500 1.25 172.9 327.9 575.6 7231.8 11.7 22.4 14.5 51.3 1.000 13.00 13.00 13.75 173.84 368.9 552.4 6931.2 12.7 22.0 14.5 51.13 37.38 1.000 13.00 13.75 181.90 331.0 655.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 1.375 181.90 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 1.375 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	.3757	122.40	202.5	333.7	3604.2	9.8	17.8	10.8	36.00	28.38	.875	9.00		
138.99 245.8 432.9 4914.4 10.8 20.0 11.4 40.80 31.13 .875 13.00 140.69 248.7 438.2 5012.8 10.8 20.2 11.4 41.38 31.38 .875 11.00 1542.80 248.7 453.2 5012.8 10.8 20.2 11.4 41.38 31.38 .875 11.00 1542.80 259.1 519.3 548.2 10.8 20.3 11.1 42.80 31.38 .875 14.00 1542.80 319.3 512.2 6828.1 11.7 21.4 13.3 46.00 34.50 1.000 10.00 163.64 318.9 516.9 6823.7 11.7 21.4 13.2 46.13 34.38 1.000 11.00 11.00 172.9 327.9 575.2 8341.6 12.6 22.8 14.5 50.88 37.13 1.000 13.00 177.84 368.9 582.4 8491.2 12.7 22.1 12.5 50.88 34.38 1.000 13.00 13.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 187.00 338.9 665.5 7759.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 10.00	138.99 245.8 432.9 4314.4 10.8 20.0 11.4 40.86 31.13 .075 13.00 1.125 140.69 248.7 436.2 5012.8 10.8 20.2 11.4 41.38 31.36 .675 11.00 1.375 142.80 248.7 455.4 5012.8 10.8 20.3 11.1 42.00 31.13 .675 14.00 1.375 154.70 256.1 519.3 5448.3 10.8 21.1 10.5 45.50 31.38 .875 14.00 1.375 153.20 319.3 512.2 6628.1 11.7 21.4 13.2 46.13 34.38 1.000 10.00 1.500 153.6 318.9 516.9 6623.7 11.7 21.4 13.5 46.13 34.38 1.000 11.00 1.375 172.14 365.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 1.125 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 552.4 8491.2 12.7 22.0 14.6 51.13 37.38 1.000 13.00 1.375 181.90 381.0 630.8 9018.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	.3751	136.00	244.8	411.2	6.8484	10.8	19.8	11.0	40.00	31.38	.875	0	1.375	
140.69 248.7 436.2 5012.0 10.0 20.2 11.4 41.30 31.30 .075 11.00 142.80 248.7 455.4 5042.2 10.0 20.3 11.1 42.00 31.13 .075 14.00 154.70 256.1 519.3 5448.3 10.0 21.1 10.5 45.50 31.30 .075 14.00 153.2 319.3 512.2 6028.1 11.7 21.4 13.3 46.10 34.50 1.000 10.00 163.6 316.9 516.9 6023.7 11.7 21.4 13.2 46.13 34.30 1.000 11.00 172.14 355.1 575.2 8341.6 12.6 22.1 12.5 50.63 37.33 1.000 13.00 177.0 9 327.9 576.6 7231.0 11.7 22.1 12.5 50.08 34.30 1.000 13.00 173.00 173.84 368.9 592.4 8491.2 12.7 23.0 14.6 51.13 37.30 1.000 13.00 181.90 381.0 630.0 9018.9 12.0 23.7 14.3 53.50 37.75 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 16.00	140.69 248.7 436.2 5012.8 10.8 20.2 11.4 41.30 31.36 .075 11.00 1.375 142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .675 14.00 1.125 154.70 258.1 519.3 5042.2 10.8 21.1 10.5 45.50 31.38 .675 14.00 1.125 163.70 258.1 512.2 6628.1 11.7 21.4 13.3 40.00 34.30 1.000 110.00 1.575 172.14 365.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 11.00 1.275 172.14 365.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 1.275 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 582.4 8431.2 12.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 181.90 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.750 1.875 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	1251	138.99	245.8		4914.4	10.8	20.0	11.4	40.88	31.13	.875	0	1.125	
142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .875 14.00 154.70 258.1 519.3 5448.3 10.8 21.1 10.5 45.50 31.38 .875 14.00 163.20 319.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 10.00 165.64 318.9 516.9 6823.7 11.7 21.4 13.2 48.03 34.38 1.000 11.00 172.14 365.1 575.2 8341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 177.2 14 368.9 582.4 8491.2 12.7 22.0 14.6 51.13 37.38 1.000 13.00 173.84 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.38 1.000 11.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 16.00	142.80 248.7 455.4 5042.2 10.8 20.3 11.1 42.00 31.13 .875 14.00 1.125 154.70 256.1 519.3 5448.3 10.8 21.1 10.5 45.50 31.36 .875 14.00 1.375 163.20 319.3 512.2 6028.1 11.7 21.4 13.3 48.10 34.36 1.000 11.000 1.375 172.14 365.1 575.2 6361.6 12.6 22.8 14.5 50.63 37.13 1.000 11.00 1.275 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.63 37.13 1.000 13.00 1.375 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 582.4 6431.2 12.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 181.90 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 0.2188 - 7/32 in.	.375T	140.69	248.7	438.2	5012.0	10.8	20.2	11.4	41.38	31.36	.875	0	1.375	
154.70 256.1 519.3 5446.3 10.6 21.1 10.5 45.50 31.36 .875 14.00 153.20 319.3 512.2 6828.1 11.7 21.4 13.3 48.00 34.50 1.000 10.00 153.64 318.9 512.2 6828.1 11.7 21.4 13.3 48.00 34.36 1.000 11.00 11.00 172.49 327.9 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 177.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.83 34.38 1.000 13.00 173.84 368.9 562.4 6491.2 12.7 22.0 14.6 51.13 37.38 1.000 11.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 10.00 16.00	154.70 256.1 519.3 5448.3 10.6 21.1 10.5 45.50 31.36 .075 14.00 1.375 163.2 313.9 3 512.2 6828.1 11.7 21.4 13.3 46.00 34.50 1.000 10.00 1.500 163.6 4 364.9 516.9 6823.7 11.7 21.4 13.2 46.13 37.13 1.000 11.00 1.375 17.2 4 355.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 1.125 17.2 17.2 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	.1251	142.80	248.7	455.4	5042.2	10.8	20.3	11.1	45.00	31.13	.875	14.00	1.125	
163.20 319.3 512.2 6628.1 11.7 21.4 13.3 46.00 34.50 1.000 10.00 163.64 318.9 516.9 516.9 6823.7 11.7 21.4 13.2 48.13 34.38 1.000 11.00 172.14 365.1 575.2 8341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 172.99 327.9 576.6 7231.0 11.7 22.1 12.5 50.88 34.38 1.000 13.00 173.84 368.9 592.4 8491.2 12.7 22.1 12.5 50.88 37.38 1.000 13.00 18.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	163.20 319.3 512.2 6628.1 11.7 21.4 13.3 46.00 34.50 1.000 10.00 1.500 163.0 163.6 318.9 516.9 6623.7 11.7 21.4 13.2 46.13 34.36 1.000 11.00 1.375 172.14 365.1 57.2 683.7 11.7 22.4 14.5 50.63 34.36 1.000 13.00 1.375 173.84 368.9 576.6 7231.6 11.7 22.1 12.5 50.86 34.36 1.000 13.00 13.75 173.84 368.9 582.4 6431.2 12.7 23.0 14.6 51.13 37.36 1.000 11.00 11.7 1875 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 10.750 1875 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	.3751	154.70	258.1	519.3	5448.3	10.8	21.1	10.5	45.50	31.38	.875	0	1.375	
163.64 318.9 516.9 6823.7 11.7 21.4 13.2 46.13 34.36 1.000 11.00 172.14 365.1 575.2 8341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 177.99 327.9 576.6 7231.6 11.7 22.1 12.5 50.88 34.38 1.000 13.00 173.84 368.9 592.4 8491.2 12.7 23.0 14.6 51.13 37.38 1.000 11.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	163.64 318.9 516.9 6823.7 11.7 21.4 13.2 48.13 34.38 1.000 11.00 1.375 172.14 365.1 575.2 8341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 1.125 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 582.4 8431.2 12.7 23.0 14.6 51.13 37.38 1.000 11.0 1.375 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 1.750 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	.500T	163.20	319.3	512.2	6828.1	11.7	21.4	13.3	46.00	34.50	1.000	10.00	1.500	34.
172.14 365.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 172.99 327.9 576.6 7231.0 11.7 22.1 12.5 50.86 34.36 1.000 13.00 173.04 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.36 1.000 11.00 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	172.14 365.1 575.2 6341.6 12.6 22.8 14.5 50.63 37.13 1.000 13.00 1.125 172.99 327.9 576.6 7231.8 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 582.4 8431.2 12.7 23.0 14.6 51.13 37.38 1.000 11.00 11.375 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 1.750 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375	.375T	163.64	318.9	516.9	6823.7	11.7	21.4	13.2	48.13	34.38		11.00	1.375	34.
172.99 327.9 576.6 7231.6 11.7 22.1 12.5 50.88 34.38 1.000 13.00 173.84 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.36 1.000 11.40 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	172.99 327.9 576.6 7231.6 11.7 22.1 12.5 50.88 34.38 1.000 13.00 1.375 173.84 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.36 1.000 11.00 11.375 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 1.375 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 0.2188 - 7/32 in.	.1257	172.14	365.1	575.2	8341.6	12.6	22.8	14.5	50.63	37.13		13.00	1.125	
173.84 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.36 1.000 11.90 181.90 381.0 530.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	173.84 368.9 582.4 8491.2 12.7 23.0 14.6 51.13 37.38 1.000 11.40 1.375 37 181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 1.750 37 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 34 0.2188 - 7/32 in.	.375T	172.99	327.9	9.915	7231.8	11.7	22.1	12.5	50.88	34.38		13.00	1.375	34.
181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00	181.90 381.0 630.8 9018.9 12.8 23.7 14.3 53.50 37.75 1.000 10.00 1.750 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 0.2188 - 7/32 in.	.3751	173.84	368.9	582.4	8491.2	15.7	23.0	14.6	51.13	37.38		11-40	1.375	37.
3757 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1	3757 187.00 338.9 665.5 7769.9 11.7 22.9 11.7 55.00 34.38 1.000 16.00 1.375 0.218 - 7/32 in.	.750T	181.90	381.0	630.8	9018.9	12.8	23.7	14.3	53.50	37.75	1.000	10.00	1.750	37.
	- 7/32		187.00		9	7769.9	11.7	22.9	11.7	55.00	34.38	1.000	16.00	1.375	
7/33	76// -					•			12						

	,	SFETTON	MODIL IIS						BEAN BEAN	MF A	FLANGE	LANGE	
11881	-	ZPL	FF	INERTIA	ď	Y	4.	AREA	DEPTH	THICK WIOT	WIOTH	THICK	
1881	2.	5.4		4.1	1.2	•	2.7		3.19	.125	2.00	.188	
	2.	7.2	2.1	7.3	1.6	1.0	3.4	.88	4.19	.125	2.00	.106	
8		2.1	2.1	5.3	1.3	6.	5.5	*6.	3.19	.125	3.00	.188	
1	3.	7.7	2.8		1.7	1.2	3.2	1.06	4.19	.125	3.00	.188	.56
.313T	;	7.9	3.3	10.7	1.7	1.3	3.2	1.38	4.31	.188	2.00	.313	
.250T	4	9.6	3.8	14.9	2.0	1.6	3.9		5.25	.188	2.00	.250	
.3131	3	6.2	3.3	7.7	1.5	1.2	2.3		3.31	.188	3.00	.313	
.3131	5.	10.0	F.3	16.8	2.1	1.7	3.9	1.56	5.31	.188	2.00	.313	
.3131	5.9	15.1	5.5	24.8	5.5	2.0	4.5	1.75	6.31	.188	2.00	.313	
250T		12.3	2.9	6.92	9.2	2.2	£.3	1.88	6.25	.186	3.00	.250	
.250T		10.6	6.1	21.3	2.3	2.0	3.5	1.94	5.25	.188	4.00	.250	
.313T	.9		5.7	15.7	1.9	1.6	2.8	2.00	4.31	.188	4-00	.313	
31 37	7	12.8	7.2	30.2	2.7	1.0	4.2	2.06	6.31	188	3.00	.313	
2501		12.8	7.6	11.1	2.7	2.4		2.13	6.25	188	4.00	250	
20.27				24.2								212	
		13.2		16.0	2.8	2.7		2.38				212	
, ,	•												
				200		***		2000	7000				
210	•	12.5	2.5		•	6.3		6000	100	0630		070	
200		13.1	9.6	31.1	0.7	8.7		19.7	**	162.	20.0		
1675		15.8	10.0	6.20	3.1	3.0	•	99.2	1.38	062.	20.00	.373	
.3131		17.7	11.1	50.4	3.4	3.3	5.3	5.34	8.31	052.	3.00	.313	
.3131	10.20	15.9	11.3	49.8		3.1		3.00	7.31	.250	6.00	.313	
1654.		16.1	11.5	51.6	3.2	3.2		3.06	1.44	.250	3.90	. 430	
.3751		18.2	12.3	63.5		3.5	5.1	3.13	8.38	.250	3.00	.375	
.3131		20.2	12.9	75.3	3.8	3.7	2.8	3.19	9.31	.250	3.00	.313	
. 3131		18.4	13.3	66.1	3.5	3.6	2.0	3.25	8.31	.250	6.00	.313	
. 31 3T		16.3	13.2	55.2	3.2	3.4	2.4	3.31	7.31	.250	2.00	.313	
.438T		18.7	13.6	68.3	3.5	3.7	5.0	3.31	9.44	.250	3.00	.438	
.375T		20.8	14.3	81.6	3.9	3.9	5.7	3.38	9.38	.250	3.00	.375	
.3131		21.0	15.4	84.8	3.9	4.0	5.5	3.50	9.31	.250	4.00	.313	
.438T		21.3	15.7	87.6	3.9	4.1	5.6	3.56	9.44	.250	3.00	.438	2.42
.3131		18.9	15.5	72.8	3.6	3.8	4:1	3.56	8.31	.250	2.00	.313	~
.3751		51.6	17.3	95.4	4.0	4.3		3.75	9.38	.250	4.00	.375	~
.31.37		21.6	17.8	93.5	0.4	4.3	5.5	3.81	9.31	.250	2.00	.313	~
.3751		19.4	17.6	1.61	3.6	4.1	4.5	3.88	8.38	.250	5.00	.375	
.4387		17.1	16.9	65.4	3.3	3.8	3.9	3.94	7.44	.250	5.00	.438	
.43BT		22.1	19.1	99.1	4.0	4.5	5.5	4.00	9.44	.250	4.00	.438	
.375T		22.2	20.2	101.7	4.0	4.6	5.0	6.f3	9.36	.250	5.00	.375	
.4381		19.8	19.6	85.7		6.3		61.4	8.44	.250	5.00	. 638	
37.51		19.8	20.2	86.3	3.7	***		4.25	8.38	.250	6.00	.375	
LARA		17.4	10.5	70.8				4. 48	7.44	250	6-00	6.38	
438T		22.7	22.5	109.4	, ,			,,,,,	94.6	250			
3757	15	22.6	23.0	1.89.9				. 5	9. XA	250		-	
17.51		25.2	20.7	120.8			2.8	. 6.		212		375	
		20.00	22.6	22.7	1 1	4		23.1		250		42.4	

SHEAR	AREA	1.92	3.35	2.45	3.33	2.17	3.36	2.42	3.33	3.36	3.35	3.38	3.36	3.35	3.05	4.77	3.38	3.36		3.07	3.05	-		3.38	•	•	2000	4.82	3.38	***	4.77	4.82		*		4.79	24.9	6.50	4.82	-	24.9		7.35	.5	U
IGE.	THICK	.438	.438	.438	.375	.438	.500	.438	.375	50	.438	56	.500		5	9	.563	.500	.531	.563	.500	694.	165.	.563	. 500	.656	. 2003	*65	.563	969.	694.	*65*	.531	9690	*65.	.531	.531	*65*	*65*	.531	.531	969.	.531	*65*	710
	5	7.00	4.00	9.00	2.00	0	4.00	2.00	6.00	5.00	90.9	5.00	9	7-00	7.00	00-4	9.00	7.00	00-4	7-00	8.00	2.00	4-00	7.00	8.00			2.00	8.00	2.00	2.00	00.9	2.00	6.00	2.00	8-00	2.00	2.00	8.00	9.00	6.00	2.00	2.00	6.00	2.00
MEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	313	.313	.313	.313	37	31	.313	.375	.313	.313	.375	.375	.313	.313	.375	275	.375	.313	.375	.375	.375	.375	.375	.375	.375	. 438	.438	.375	.375	.438	.438	.438	.438	424
	DEPTH	7.44	10.44	9.44	10.38	8.44	10.50	9.44	10.38	10.50		10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	12.66	30.00	12.59	10.56	12.66	12.47	12.59	12.53	15.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53	14.66	16.53	14.59	
	AREA	4.81	4.80	4.88	9.00	5.06	5.13	5.31										6.63	6.63	6.75	6.81	6.84	6.88	2.06	7.13	7.13	100	7.47	7.63	7.78	7.78	9.00	8.22	3.44	8.66	8.75	8.78	•		9.58	9.31	9.41	99.6	69.6	
	4 k	3.4	2.1	4.6	5.5	3.9	5.6	4.3	5.3	5.2	5.1	5.1	6.4		4.2	9.9		4.6	6.5		4.0	6.3	4.9	4.5	*	6.3	•	6.0		5.9	5.7	2.1	5.5	5.5	2.4	5.3	7.1	7.0	5.1	5.0	6.8	6.9	8.1	6.7	•
-	d.	4.3	5.0	5.1	5.1	4.8	5.5	5.4	5.4	5.5	5.6	5.7	5.8	5.9		6.1	6.1	6.1	6.3	5.8	5.8	4.9	6.5	6.3	6.3	9.9		9.9	9.9	7.0	7.0	7.2	7.2	1.4	1.5	7.5	9.	7.8	1.1	7.7	8.0	8.0	9.6	8.2	
	×	3.3	4.3	4.1	4.3	3.7	4.3	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.0	6.4	4.4	4.4	2.0		4.0	2.0			3 .	5.1		5.1	4.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1	2.6	2.5	5.1	5.1	2.5	2.5	6.3	2.1	
1	-	15.6			132.3	6.96	137.1	126.0		150.2	2	158.4	161.7	162.1	137.9	206.4	170.5	171.9	217.2	145.5	145.4	254.7	227.7	181.0	161.3	237.5		248.1	190.6	259.2	255.7	266.3	269.7	278.0	282.5	283.5	•	362.2	2	596.4	:	377.5	6	387.7	,
2	_	25.2	22.7	25.8	23.9	25.6	24.7	29.5	27.0	28.8	30.0	31.2	32.9	33.6	32.8	31.1	35.8	37.0	33.4	36.0	36.6	35.7	35.7	40.3	41.2	6.00	200	41.3	45.0	44.1	44.7	47.0	48.8	50.5	95.6	53.7	48.5	51.7	58.5	56.8	54.3	24.8	57.7	58.1	
SECTION	•	17.6		23.1	26.0	20.5	56.4	23.5	26.6	27.1	27.2	27.6	27.7	27.7	24.8	33.9	28.2	28.2	34.6	25.2	25.2	34.9	35.2	28.6	28.6	35.3	15. A	36.3	29.0	36.9	36.5	37.1	37.2	37.7	37.8	37.8	45.4	46.3	38.4	38.3			54.3		
-	4	m	5	5	17.00	N	•	19.05	2	-	19.55	10		0	3	9	-	5	5	0	-	N	23.39	24.00	42.42	42.42	24.85	25.40	25.94	26.45	54.92	27.40	56.72	28.70	59.44	29.75	29.85	30.91	31.45	31.55	31.65	31.99	32.84	32.95	
	2	•	•	•		•	.500T	.438T	.375T	.500T	-438T	.5631	.500T	-438T	.500T	T694.	.5631	.500T	.531T	. 563T	.500T	1694.	1465.	. 563T	.5001	19591	16691	1465.	. 563T	.656T	1694.	1465.	.531T	.656T	1965.	.5311	.531T	1965.	1965.	.531T	.53	• 65	.53	1465.	
		.250/	.313/	.250/	.313/	.250/	.313/	.250/	.313/	. 313/	.313/	313/	31	.313/	.313/	.375/	.313/	.313/	.375/	.313/	.313/	.375/	.375/	.313/	. 313/	.375/	375/	.375/	.313/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	.438/	.438/	
	Z	X X			0x 5x								0x 6x							XZ X6				10x 7x				X 2X								X						14x 5x		4X 6X	

0.2500 - 1/4 in.

.250 IN. PLATE (AREA = 2.13 SQ.IN.)

	SHEAR	AREA	4.84	6.47	7.38	6.53	7.35	7.41	6.50	6.47	7.38	7.43	7.35	6.50	6.47	7.38	7.35	7.43	7.41	7.38	7.35	7.43	7.41	9.46	7.38	8.57	9.45	64.6	6.53	2.43	100	7.38	6.53	7.43	7.41	64.6	9.57	64.6	9.46	8.42	9.57	64.6	9.46	9.57	9.46	64.6	
*****	NGE	THICK	9690	53	165.	.656	.531	.656	.594	.531	*65*	.719	.531	.594	.531	.594	.531	.719	.656	.594	.531	.719	969.	.656	.594	.875	. 594	.719	• 656	.719	969.	.594	.656	.719	• 656	.719	.875	.719	.656	.594	.875	.719	969.	.875	9699	.719	
SNOI	•	HIOIM	8.00	7.00	5.00	6.00	6.00	2.00	7.00	8.00	6.00	5.00	7.00	8.00	9.00	7.00	9.00		7.00	8.00	9.00	7.00	8.00	2.00	9.00	2.00	9-90	2.00	10.00	8-00	3.00	10.00	11.00	9.00	10.00	7.00	6.00	8.00	9.00	10.00	7.00	9.00	10.00		11.00	11.00	
DIMENSIONS	WEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	. 500	.438	.500	.500	. 500	.438	.438	804.	438	.438	.438	.438	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500	
*** BEA		DEPTH	12.66	14.53	16.59	14.66	16.53	16.66	14.59	14.53		16.		14.		16.59	16.53	16.72	16.66	16.59	16.53	16.72	16.66	18.66	16.59	16.88	18.59	18.72	14.66	16.72	10.00	16.59	14.66	16.72	16.66	-	18.88	18.72	18.66	18.59	18.88	18.72	18.66		18.66	18.72	
****		AREA	9.75	9.84	16.6	10.06	10.19	10.28	10.28	10.38	10.56	10.59	10.72	10.88	10.91	11.16	11.25	11.31	11.59	11.75	11.78	12.93	12.25	12.28	12.34	12.38	15.56	12.59	12.69	12.75	16.91	12.94	13.34	13.47	13.56	14.03	14.25	14.75	14.91	14.94	15.13	15.47		•	•	16.91	
		4 1	5.0	6.5	0.0	6.5	7.8	7.8	9.4	6.3	1.6	7.7	7.5	6.1	9.0	7.3	7.2	7.3	7.1	7.0	6.9	7.0	6.8	6.9	6.7	1.5		8.0	2.4	9.0		6.5	5.5	9.9	6.3	8.0	8.0	7.7	1.6	7.5	1.7	1:4	7.3	7.3	7.0	9.9	
		4	9.0	8.2	6.9	8.4	9.0	9.1	8.5	6.5	9.2	9.3	9.3	8.8	8.8	9.6	9.6	9.7		9.6	9.8	10.0	10.1	10.0	10.1	9.6	10.2	10.2	9.5	10.3	10.4	10.4	9.7		10.6	11.0	1111	11.3	11.4	11.4	11.5	-	11.6	11.8	11.9	15.1	1 /4 10
		œ	5.1	5.7	4.9	5.8	9.9	4.9	5.0	5.7	4.9	4.9	9.9	5.8	5.8	6.5	4.9	6.5	6.5	6.5	6.5	6.5	6.5	7.0	6.5	9.4	7.0	7.0	2.5	6.5	0.0	6.5	5.7	6.5	6.5	7.1	7:1	7.1		7.1	7.1	7.1	7:1	7.1	7.1	7:1	1
		INERTIA	309.8	392.7	489.5	404.2	501.0	509.2	410.8	412.7	523.2	528.2	529.8	431.8	431.2	553.5	556.1	565.0	576.3	581.3	580.6	598.2	605.3	8.969	6.909	296.0	715.3	721.1	487.3	657.9	74.2 .	630.7	503.4	655.3	6.559	813.6	832.5	853.7	859.4	958.4	880.2	890.5	892.2	923.7	922.9	956.3	0 2500
	Š			60.1			64.3	6.49	64.5	62.9	68.7	68.5	70.8	71.0	71.6	15.9	77.3	77.2	90.0	93.1	93.7	85.9	8.88	78.4	90.3	2.67	82.7	82.4	9.69	3000	20.0	97.6	36.4	103.1	104.5	101.7	103.6	1111.2	113.7	114.7	115.0	120.6	122.2	126.5	131.0	139.7	
	SECT ION	ZPL	39.0	47.6	55.3	48.2	25.7	56.2	48.5	48.5	26.7	57.1	57.0	49.3	49.2	58.0	58.0	58.6	58.9	59.1	29.0	89.8	60.0	69.5	60.0	62.1	70.5	9.02	51.4	80.09	24.4	6.03	52.0	61.7	61.7	2.47	75.0	15.6	15.1	75.6	76.7	6.92	16.8	78.1	8.22	6.87	
		HT/FT	33.15	33.46	33.90	34.20	34.65	34.95	34.95	35.29	35.90	36.01	36.45	36.99	37.09	37.94	38.25	38.45	39.41	36.68	40.05	06.04	41.65	41.75	11.96		42.70	42.81	43.15	43.35	10.00			45.80	46.10	47.70	48.45	50.15	20.69	50.80	51.44	25.60	52.90	24.40	55.15	64.15	
		3Z	.656T	.531T	1465.	.656T	.531T	1959.	1465.	.531T	1465.	1617.	.531T	1465.	.531T	1465·	.531T	1617.	.656T	1465.	.531T	1617.	.656T	.656T	1965.	.8751	1,66.	1617.	· 6561	1617.	1966.	7465.	.656T	.719T	.656T	1617.	.875T	1617.	.656T	1465.	.875T	.719T	.656T	.875T	.656T	.719T	
		L SI	151	.438/	1438/	438/	438/	438/	438/	438/	438/	438/	.438/	438/	438/	.438/			.438/		438/	438/	438/	2005	.438/	2007	2007	2007		438/	1000	438/	438/	438/		2007	2000	2007	2005	. 5007	2005	1005.	.500/	.500/	2005.	2005.	
		NOMINA	2X 8X	. XZ X4	5X 5X	* X9 X1	5x 6x	5X 5X	1X 7X	* X8 X4	5x 6x	6x 5x .						. X9 X9	5x 7x .	5x 8x .	· x6 x9	6x 7x .	5x 8x .	3x 5x .		. xs xs	. x9 x	. XS X		. X8 X	10 X 9X		14X11X .		×	18x 7x .	8X	18X 8X .	. x6 x8				×	18x 8x .			

	SHEAR	AREA	64.6	9.57	13.83	13.75	13.83	13.75	13.83	13.99	13.83	17.29	13.83	17.29	13.83	17.46	17.29	17.46	17.29	17.29	17.46	21.29	21.10	21.29	21.10	21.29	21.29	25.05	27.68	27.46	27.68	27.46	27.68	34.75	34.63	37.38	34.63	37.63	38.00	34.63
*****	NGE	THICK	.719	.875	.875	.750	.875	.750	.875	1.125	.875	.875	.875	.875	.875	1.125	.875	1.125	.875	.875	1.125	1.125	.875	1.125	.875	1.125	1.125	1.375	1.375	1.125	1.375	1-125	1.375	1.500	1.375	1.125	1.375	1.375	1.750	1.375
SI ONS	FLA	HIDIM	12.00	10.00	8.00	10.00	9.00	11.00	10.00	9.00	12.00	9.00	13.00	10.00	14.00	8-00	11.00	9.00	12.00	13.00	11.00	8.00	11.00	9.00	12.00	10.00	11.00	9.00	10.00	13.00	11.00	14.00	14.00	10.00	11.00	13.00	13.00	11.00	10-00	16.00
1 DIMEN	ME8	THICK	.500	.500	.625	.625	.625	.625	.625	.625	.625	.688	.625	.688	.625	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000	1.000	1.000	1.000
*** BEA		DEPTH	18.72	18.88	21.88	21.75	21.88	21.75	21.88	22.13	21.88	24.88	21.86	24.88	21.00	25.13	24.88	25.13	24.88	24.88	25.13	28.13	27.88	28.13	27.88	28.13	28.13	28.38	31.38	31.13	31.38	31.13	31.38	34.50	34.38	37.13	34.38	37.38	37.75	34.38
*****		AREA	17.63	17.75	20.13	20.63	21.00	21.38	21.88	23.25	23.63	24.38	24.50	25.25	25.38	25.50	26.13	26.63	27.00	27.88	28.88	29.25	29.88	30.38	30.75	31.50	32.63	36.00	40.00	40.88	41.38	45.00	45.50	48.00	48.13	50.63	50.68	51.13	53.50	25.00
		Y	9.9	6.7	9.0	8.7	9.6	8.4	8.3	8.1	7.8	10.2	7.6	9.6	7.3	10.0	9.6	9.6	9.3	9.0	6.9	11.5	11.1	11.1	10.8	10.8	10.5	11.0	12.0	11.6	11.7	11.3	10.7	13.5	13.4	14.7	12.7	14.8	14.5	11.9
		Y P	12.4	12.4	13.2	13.3	13.5	13.6	13.8	14.3	14.3	15.0	14.6	15.3	14.8	15.4	15.6	15.8	15.9	16.1	16.4	16.9	17.0	17.2	17.3	17.6	17.9	17.6	19.6	19.8	20.0	20.1	20.9	21.2	21.2	22.7	21.9	22.8	23.5	22.8
		œ	7.1	7:1	0.0	8.0	9.0	9.0		8.1	8.0	9.0	9.0	9.0	7.9	9.0	9.0	9.0	9.0	9.0	9.0	6.6	6.6	10.0	6.6	10.0	10.0	6.6	10.9	10.9	10.9	10.9	10.9	11.9	11.8	12.8	11.9	12.8	15.9	11.9
		INERTIA	985.4	8-866	1428.9	1456.4	1490.0	1506.6	1547.1	1647.4	1648.3	2126.6	1694.4	2206.5	1737.1	9.6422	2281.4	2345.7	2352.3	2418.8	2515.8	3102.0	3149.1	3232.3	3246.0	3353.7	3467.2	3758.9	2040.8	5110.1	5211.8	5243.5	9.9995	7052.5	7048.3	8597.8	7470.6	8751.3	9294.1	8028.0
	MODULUS	ZFL	149.0	149.0	159.5	168.2	172.6	179.6	185.8	203.3	211.4	4.602	224.3	224.1	237.0	555.6	238.7	244.4	253.5	268.2	281.1	269.4	283.9	2.062	300.3	310.9	331.5	340.7	419.5	441.2	446.6	464.0	529.0	520.7	555.5	584.3	586.0	591.6	9.049	676.1
	SECT ION	ZPL	19.8	90.4	108.5	109.2	110.4	110.7	112.1	115.4	115.0	142.0	116.2	144.4	117.4	146.0	146.5	148.6	148.4	150.1	153.1	183.9	184.8	187.5	187.4	190.6	193.5	213.6	257.1	258.1	261.1	261.1	6.072	332.6	332.2	379.4	341.4	383.2	395.6	352.8
		HT/FT	\$6.65	60.35	68.44	70.14	71.40	72.69	74.39	19.05	80.34	82.89	83.30	85.85	86.29	86.70	98.84	90.54	91.80	64.79	98.19	69.45	101.59	103.29	104.55	107.10	110.94	122.40	136.00	138.99	140.69	142.80	154.70	163.20	163.64	172.14	172.99	173.84	181.90	187.00
		NOMINAL SIZE	18X12X .500/ .719T	.5007	.625/	10X .625/	•	. 625/	_	.625/1	21x12x .625/ .875T		13x .625/	. 688/	4x .625/	.688/1		24x 9x .688/1.1257	.688/		1×	.750/1	11x			27X10X .750/1.1257	1x						30X14X .875/1.3757	33X10X1.000/1.500T	33X11X1.000/1.375T	36X13X1.000/1.125T	33×13×1.000/1.375T	36x11X1.000/1.375T	36X10X1.000/1.750T	33X16X1.000/1.375T

.250 IN. PLATE (AREA = 2.13 SQ.IN.)

									*******	*** BEAN	DIMENS		*******	
			SECTION	TOS							MEB F	_	ANGE	
NOWINAL	_	HT/FT	ZPL	_	INERTIA	œ	YP	۲:	AREA	DEPTH	THICK	_	THICK	
		5.55	4.9	1.5	4.3	1:1	~	5.8	.75	3.19	.125	2.00	:	
×2		5.99	8.7	2.5	7.7	1.5	6.	3.6	.08	4.19	.125	2.00	.188	
		3.20	6.9	2.1	9.6	1.2	•	2.7	9	3.19	.125	3.00	.188	
		3.60	9.3	5.9	6.6	1.6	1:1	3.4	1.06	4.19	.125	3.00	.188	
	87 .313T	69.4	9.6	3.4	11.5	1.7	1.2		m	4.31	.188	2.00	.313	
		4.90	11.6	3.9	16.0		1.4		1.44	5.25	.188	2.00	.250	
3×	•	5.10	7.6	3.3	8.3	1.4	1:1	5.2	1.50	3.31	.188	3.00	.313	
2×		5.30	12.1	4.4	18.1	2.1	1.5		1.56	5.31	.188	2.00	.313	
2×	•	5.95	14.7	5.6	26.8	2.5	1.8	8.9	1.75	6.31	=	2.00	.313	
3×	•		15.0		29.5	5.5			1.88	6.25	.188	3.00	.250	
5x 4x .188/	•		12.8	6.3	23.3	2.2			1.94	5.25	.188	4.00	.250	
4X 4X .188/	•	6.90	10.6	5.8	17.2	1.9	1.6			4.31	.188	4.00	.313	
3	•	7.00	15.5	7.4	32.9	5.6	2.1			6.31	.188	3.00	.313	
		7.24	15.6	7.8	33.9	2.7	2.2		7	6.25	.188	4.00	.250	
X*		7.45	13.3	7.4	56.6	2.3	2.0	3.6	7	5.31	.188	4.00	.313	
¥	•	8.09	16.0	9.5	38.4	2.8	2.4	4.2		6.31	.188	4.00	.313	
2×	•	8.50	13.6	6.8	30.1	2.4	2.2		2	5.31	.188	5.00	.313	
3×		9.15	18.4	9.6	47.9	3.0	2.6	5.0	9	7.31	.250	3.00	.313	
3×		9.55	16.5	9.6	41.4	2.7	2.5	4.2		9.44	.250	3.00	.438	
3X .	•	9.79	18.9		52.4	3.1	2.8	6.4		7.38	.250	3.00	.375	
3x .	•	10.00	21.3	11.4	63.8	3.4	3.0	5.6	2.94	8.31	.250	3.00	.313	
**		10.20	19.1	11.6	54.7	3.1	2.9	4.7	-	7.31	.250	4.00	.313	
7X 3X .250/		10.40	19.4	11.8	56.7	3.1	5.9	4.8	3.06	7.44	.250	3.00	.430	
3x .	•	10.54	21.9	12.7	69.5	3.5	3.2	5.5	3.13	8.38	.250	3.00	.375	
3x .	•	10.85	24.2	13.3	82.2	3.7	3.4	6.2	3.19	9.31	.250	3.00	.313	
**		11.05	22.1		72.5		3.3	5.3	3.25	8.31	.250	4.00	.313	
5x .	•	11.25	19.6	13.5	6.09		3.1	4.5	3.31	7.31	.250	2.00	.313	
3×		11.25	22.4		6.44	3.5	3.3	5.4	m	8.44	.250	3.00	.438	
3x .	•	11.49	54.9	14.7	89.3	3.8	3.6	6.1	3.38		.250	3.00	.375	
	17 .313T	11.90	25.1	15.8	93.0	3.9	3.7	6.5	5	9.31	.250	4.00	.313	
3X .	1438T	12.10	52.5	16.2	96.1	3.9	3.8	6.6	3.56	9.44	.250	3.00	.438	
9x 5x .250/		12.10	22.7	15.9	60.3		3.5		5	8.31	.250	2.00	.313	
* × *	17 .37 ST	12.75	25.8	17.8	101.6	4.0	3.9	2.5	3.75	9.38	.250	4.00	.375	
9x 5x .25(		12.95	25.8	18.3	102.9	0.4	4.0	5.6		9.31	.250	2.00	.313	
8X 5X .250/	15 151	13.19	23.3	18.1	88.2	3.7	3.8	•		8.38	.250	5.00	.375	
ex.		13.40	20.6	17.4	72.8	3.3	3.5	4.2	0	*	.250	2.00	.438	
* × *		13.60	56.4	19.6	109.3	4.0	4.1	9.5	4.00	9.44	.250	4.00	.438	
9x 5x .250/	1575- 10	14.04	26.5	20.7	112.4	4.1	4.2	2.4	-	9.38	.250	5.00	.375	
5x		14.25	23.8	20.2	95.2	3.7			-	8.44	.250	2.00	.438	
8x 6x .250/	19751	14.45	23.8	20.7	96.0	3.7	0.4	4.6		8.38	.250	6.00	.375	
7X 6X .250/	•	14.89	21.0	20.1	79.2	3.3	3.8	3.9	m	7.44	.250		.438	
9x 5x .250/	07 .4387	15.10	27.1	23.2	121.3	4.1	4.5	5.5	3	9.44	.250	2.00	.438	
. X9	•	15.30	27.0	23.7	122.0	4.1		5.5	S	9.38	.250	6.00	.375	
	•	15.74	200	21.2	123 6			6 3	u	-			175	
	•		123	0.77	136.2	4.0	4.2	2.0		?	. 313	9		

SHEAR	ANER	1.93	3.36	2.43	3.34	2.18	3.37	2.43	3.34	3.37	3.36	3.39	3.37	3.36	3.06	4.78	3.39	3.37	4.80	3.08	3.06	4.78	4.83	3.39	3.37	4.85	3.08	4.78	4.83	3.39	4.00			4.85	4.83	4.80	6.49	6.51	4.83	4.00	6.49	6.54	7.36	6.51	16.0
LANGE SHE			. 438	.438	.375	.43	.500	.438	.375	.500	.438	.563		m	.500	694.	.563	.500	.531	.563	.51	.469	.594	.563	.51	959.	.563	694.	.594	. 563	920.	204	531	.656	.594	.531	.531	*65*	.594	.531	.531	.656	-531	205	-224
4	_		-		-	-	-	-	-	-	-	2.00	6.00	7.00	7.80	·- 00	9.00	7.00	4.00	7.00	8.00	2.00	4-00	2.00	8.00	0	9-00	9-00	2.00	900			7.00	6.00	7.00	9-60	2.00	2.00	9.00	9.00	0	5.00		6.00	20.00
WEB THISK WID	200	0620	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375	.313	.375	.375	.313		375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.438	.438	6.3A	000
-	2	•	:	9.44		:	10.50	9.44	10.38	0		0	-	10.44	-		10.56	-	10	9.56		•	-	10.56				-		10.56						-									0
ADEA	-	10.4	4.00		2.00	2.06	5.13	5.31	5.38	5.63	5.75	5.94						6.63					. 88	90.	.13	.13	.31	.31	14.	7.63			22	**	99.	.75	.78	60.	.25	9.28	.31	.41	99.	64	•
4			9.1	2.0	2.9	4.2	5.9	4.7	2.6	5.6		5.4		2.5	4.5	7.0	5.1	2.0	6.9	*:	4.3	6.7	6.7	4.0	*	6.7	4.2	4.9					2.9	5.9	5.7	5.6	7.5	7.4	5.5	5.4	7.2	7.3	8.5	7.0	
9						4.5	6.4	5.0	5.0	2.5	5.3	5.4	5.5	5.5	2.5	2.1	2.5	2.8	5.9	2.5	5.5	6.1	6.1	6.0	9.9	6.3	2.1	4.9	6.5	2.9			6.9	7.0	7.1	7.2	7.3	7.5	7.4	7.4	7.6	7.7	8.3	7.8	0.
۰		**	5.4	7.4	:	3.8	4:	4.2	4:4	4.5	4.5	4.5	4.5	4.5	4:1	2.0	4.5	4.5	5.1	4.2	4.1	5.1	5.1	4.6	4.5	2.5	;	5.1	2.5	• •	2.0	2.0	5.5	5.3	2.5	2.5	2.5	5.8	2.5	5.5	5.8	5.8	4.9		2.0
TNEBET	:	0.40	141.9	131.6	145.6	110.8	151.0	140.9	157.2	166.0	168.6	175.5	179.5	180.0	153.9	225.7	189.6	191.4	237.9	162.8	162.8	246.3	549.6	201.9	202.4	260.7	171.7	264.8	272.7	215.5	2010	293.4	297.5	306.8	312.1	313.4	377.6	394.8	328.8		404.4	411.8	509.1	423.2	7634
HODULUS		8.22	23.4	9.92	54.6	26.3	52.5	30.0	27.8	29.7	30.9	32.3	34.0	34.6	33.9	32.2	37.0	38.2	34.6	37.1	37.7	36.9	37.0	41.6	45.5	39.5	41.3	41.6	45.8	* 0 . 4	200	48.6	50.4	51.9	54.4	55.5	50.5	53.5	60.1	2.09	56.2	56.7	59.7	60.1	7.00
SECTION	11.0	21.5	30.4	57.6	30.6	54.6	31.1	28.0	31.3	32.0	32.0	32.5	32.6	32.6	29.4	39.3	33.2	33.2	40.1	58.8	29.8	40.5	40.8	33.7	33.6	41.4	30.2	41.5	42.0	34.1	12.3	63.0	43.1	43.6	43.8	43.7	51.8	52.7	4.44	44.3	53.1	53.6	61.5	24.1	7.40
		50	6	5	0	0	1		6	4	9.55	.20	10	90	45	69	-	S	22.54	55.95	-	N	m	0	N	24.24			31	\$6.62		27.40	0	-	3	-		9		S	9	6	8	0	,
36		-020-						.438T			.438T	. 563T	. 500T	.438T	-500T	1694.	. 563T	.500T	.5311	.563T	. 500T	1694.	. 594T	.563T	.500T	.656T	. 563T	1694	1965.	. 5651	1020	1765	.531T	.656T	1465.	.531F	.531T	.594T	1465 ·	.531T	.531T	.656T	.531T	146F	. 7341
ONTHA! STZE	;		.313/	1052.	. 313/		.313/	-250/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	3	.313/	.375/	.313/	.313/	.375/	.375/	.313/		.375/	.313/	.375/	.375/	. 313/	275.	375/	375/	.375/	.375/	.375/	.438/	.438/	.375/	.375/	1984	.438/	.438/		1004.
-	:				24	×	×	×	X9	2X	2 X9	2X	¥9	×	×	×	¥9	×	×	×	×	2×	×	×	×	×	×	×	2×	××	*	×	X	¥9	×	×	×	2X	×	X6			2x		

0.2813 - 9/32 in.

Second Color		7011010						******	*** BEAN			*******	9477
6.7         47.7         6.4         9.7         12.6         4.7         6.7         12.6         4.9         6.4         14.5         4.7         12.6         4.9         6.7         12.6         4.9         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6		5 .	2	-	•	5		4064	2000	2000	5	7010	ABEA
65.1 4.99. 6.5 6.5 6.4 9.97 16.53 4.38 7.0 6.50 6.10 6.50 6.10 1.00 16.65 6.10 1.00 16.65 6.10 1.00 16.65 6.10 1.00 16.65 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 1.00 16.65 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10		7	747	INEKITA	K		_	A 2 C	12 66	2011		2016	4 65
64.0 641.6 6.5 6.5 6.6 6.9 10.6 16.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 656 6.7 6.59 438 6.10 6.59 6.1 6.5 6.7 6.5 6.7 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.5 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1				2420				9.8	14.53	4.4		S C	64.4
64.0 441.6 5.9 8.0 6.9 10.05 14.66 433 6.00 6.55 7.45 6.05 7.45 6.05 7.45 6.05 7.45 6.05 7.45 7.25 7.25 7.25 7.25 7.25 7.25 7.25 7.2		2		531.5		8.5		9.97	16.59	438	9	59	7.39
66.5 564.2 6.5 8.6 8.2 10.19 16.53 4.38 6.00 6.55 7.4 6.0 6.1 6.5 6.1 10.2 14.5 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5 6.0 14.5	0	6		441.6		0.0		90.01	9	.438		69	-
66.7 553.2 6.5 8.7 8.2 10.28 16.66 .438 5.08 5.08 5.65 7.4 66.1 553.2 6.5 8.1 10.28 14.53 .438 5.08 5.08 5.08 7.1 6.5 10.28 14.55 .438 6.08 7.08 5.08 7.1 6.5 10.28 14.55 .438 6.08 7.08 7.3 7.3 7.3 7.2 7.2 7.3 7.4 10.5 10.5 16.5 7.4 10.8 11.5 10.5 7.3 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.4 10.8 11.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	55	-		544.2		9.6		10.19		.438	:	53	m
66.7	51	•	67.1	553.2			8.2	~	9.	.438		.656	
66.1         458.1.5         5.9         6.5         10.36         16.53         -438         6.0         6.5         10.55         16.59         -438         6.0         6.0         6.0         6.0         6.0         7.4         10.55         16.59         -438         5.0         6.0         6.0         7.4         10.55         16.59         -438         7.0         6.0         7.3         7.3         7.3         7.3         7.3         6.0         6.0         7.3         7.3         6.0         7.3         7.3         7.3         7.3         6.0         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3         7.3	50	N	2.99	449.1		•		2	8	.438	:	.594	6.51
71.0 568.7 6.6 8.9 8.0 10.59 145.2 438 6.00 7594 7 73.3 472.2 575.2 6.6 8.9 7.9 10.72 16.53 438 7.00 7594 7 73.3 472.2 6.6 8.9 7.9 10.72 16.53 438 7.00 7594 7 73.4 472.2 6.6 8.9 7.9 10.72 16.53 438 7.00 7594 7 79.8 615.4 6.6 9.2 7.7 11.16 16.59 438 7.00 5594 7 79.8 615.4 6.6 9.2 7.7 11.31 16.53 438 7.00 5594 7 79.8 615.4 6.6 9.2 7.6 11.23 16.66 438 7.00 5594 7 85.5 652.1 6.6 9.2 7.6 11.23 16.66 438 7.00 5594 7 85.5 652.1 6.6 9.5 7.8 11.75 16.53 438 7.00 5594 7 85.5 652.1 6.6 9.5 7.8 11.75 16.53 438 7.00 5594 7 85.5 652.1 6.7 9.7 7.3 12.03 16.66 438 7.00 5594 7 81.1 751.2 6.6 9.5 7.8 11.75 16.53 438 7.00 5594 7 81.2 777.3 7.1 9.7 7.3 12.28 16.66 500 500 500 6596 7 81.3 662.1 6.6 9.8 7.1 12.39 16.66 500 500 500 6596 7 85.4 777.3 7.1 9.7 7.3 12.38 16.66 500 500 6596 7 85.4 777.3 7.1 9.9 9.1 12.39 16.66 438 11.00 5594 7 85.4 777.3 7.1 9.9 9.1 12.39 16.66 438 11.00 5594 7 85.4 777.3 7.1 9.9 9.1 12.39 16.66 438 11.00 5594 7 85.4 777.3 7.1 9.9 9.1 12.59 18.56 500 500 500 500 6596 7 85.4 777.3 7.1 9.9 9.1 12.59 18.56 500 500 500 500 500 600 600 600 600 6	6	~	68.1	451.5		8.2	9	~	~	.438	•	.531	64.9
73.2 576.1 6.6 8.9 8.1 10.59 16.75 .438 5.80 .719 7  73.2 576.2 6.6 8.9 7.9 110.59 16.75 .438 7.80 .510 .531 7  74.0 612.4 6.6 9.2 7.9 11.016 16.59 .438 8.00 .594 6  79.8 615.4 6.6 9.2 7.7 11.016 16.59 .438 8.00 .594 6  79.8 615.7 6.6 9.2 7.7 11.25 16.59 .438 8.00 .594 6  85.8 633.4 6.6 9.2 7.7 11.25 16.59 .438 8.00 .594 7  85.8 633.7 6.6 9.3 7.7 11.25 16.59 .438 8.00 .594 7  86.5 632.7 6.6 9.5 7.3 11.75 16.59 .438 8.00 .594 7  86.7 652.1 6.6 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.1 756.9 7.1 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.3 662.1 6.6 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.3 662.1 6.6 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.4 7 660.1 6.6 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.5 7 660.1 6.6 9.7 7.3 11.75 16.59 .438 8.00 .594 7  81.6 652.1 6.7 7.2 12.25 16.59 .438 8.00 .594 7  81.9 645.6 6.7 10.0 7.2 12.25 16.59 .438 8.00 .594 7  81.9 645.6 6.7 10.0 7.0 12.34 16.59 .438 10.0 .594 7  81.0 7.0 7.0 7.0 7.0 12.34 16.6 .438 10.0 .594 7  81.0 7.0 7.0 7.0 7.0 10.0 6.0 12.56 18.59 .438 10.0 .594 7  81.0 7.0 7.0 7.0 7.0 10.0 6.0 12.56 16.56 .438 10.0 .594 7  81.0 899.7 7.3 11.0 6.0 13.86 .500 10.0 .594 7  81.0 899.7 7.3 11.0 7.0 14.25 18.86 .500 10.0 .594 7  81.0 899.7 7.3 11.0 7.0 14.25 18.86 .500 10.0 .594 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 10.0 6.0 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 6.0 0 .710 0 .719 7  81.0 899.7 7.3 11.0 7.0 14.0 6.0 6.0 0 .710 0 .719 7  81.0 890.0 7.0 11.0 8.0 14.0 7.0 11.0 8.0 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .710 0 .				568.7		6.0	•	5	5	.438	9.00	.594	7.39
73.2 575.2 6.6 8.9 7.9 10.72 15.53 .438 7.80 .531 7  73.3 472.6 5.9 8.4 6.4 10.01 14.59 .438 7.80 .594 6.7 7  79.8 602.4 6.6 9.2 7.7 11.16 16.59 .438 7.80 .594 7  79.8 602.4 6.6 9.2 7.7 11.13 16.72 .438 7.80 .594 7  79.8 602.7 6.6 9.4 7.5 11.59 16.66 .438 7.80 .594 7  85.5 627.7 6.6 9.4 7.5 11.59 16.66 .438 8.00 .594 7  86.5 652.1 6.6 9.7 7.3 11.78 16.53 .438 9.00 .594 7  86.7 652.1 6.7 9.7 7.3 12.03 16.72 .438 7.80 .596 7  81.1 7 660.1 6.6 9.7 7.3 12.03 16.59 .438 9.00 .594 7  81.2 7 660.1 6.6 9.7 7.3 12.03 16.59 .438 9.00 .594 7  81.3 662.1 6.6 9.8 7.1 12.34 16.59 .438 9.00 .594 7  81.4 7 77.2 7.1 9.9 9.1 12.56 18.66 .438 9.00 .594 7  81.9 7.7 8 7.1 9.9 9.1 12.59 18.72 .590 5.00 .594 7  81.9 8 609.7 6.7 10.3 6.7 12.34 16.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.10 7.2 10.0 6.9 12.94 18.66 .438 10.00 .594 7  81.0 7.2 10.0 7.2 10.0 7.2 10.7 5.9 10.7 5.9 10.7 7  81.0 7.2 10.0 7.2 10.0 7.2 10.7 5.9 10.7 5.9 10.00 .594 7  81.0 7.10 7.2 10.0 7.2 10.9 7.2 10.7 5.9 10.7 5.9 10.7 7  81.0 7.2 10.0 7.2 10.0 7.2 10.7 5.9 10.7 5.9 10.00 .595 7  81.0 7.2 10.0 7.2 10.0 7.2 10.7 5.9 10.7 5.9 10.00 .595 7  81.0 7.0 7.2 10.0 7.2 10.0 7.2 10.0 5.0 10.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.0 0.0 5.	-	10		574.1	9.9	6.9	-		-	. 438	2.00	.719	1.45
73.3 472.8 5.9 0.4 6.4 10.01 14.59 .433 0.00 .594 6 78.4 6672.2 5.9 0.4 6.4 10.01 14.59 .433 0.00 .594 6 78.4 6672.4 6.6 9.2 7.7 11.25 16.53 .436 7.00 .594 6 83.5 627.7 6.6 9.3 7.5 11.25 16.53 .436 7.00 .594 7 83.6 627.7 6.6 9.3 7.5 11.25 16.53 .436 7.00 .594 7 85.8 623.7 6.6 9.5 7.4 11.75 16.59 .438 7.00 .594 7 86.5 652.7 6.6 9.5 7.4 11.75 16.59 .438 7.00 .594 7 81.1 750.9 7.1 9.7 7.3 12.03 16.72 .438 7.00 .594 7 81.1 750.9 7.1 9.7 7.3 12.03 16.70 .438 7.00 .594 7 81.1 750.9 7.1 9.7 7.3 12.03 16.66 .438 0.00 .594 7 81.2 652.1 6.6 9.3 7.9 12.34 16.66 .438 0.00 .594 7 81.3 652.4 6.7 7.2 12.25 16.66 .438 0.00 .594 7 81.9 652.6 6.5 9.3 7.9 12.34 16.66 .438 0.00 .594 7 81.9 652.6 6.5 9.3 7.9 12.34 16.66 .438 0.00 .594 7 81.9 652.6 6.5 9.3 7.9 12.34 16.66 .438 0.00 .594 7 81.9 7.6 688.8 6.6 10.0 7.0 12.94 16.66 .438 10.00 .594 7 81.0 7 688.8 6.6 10.0 7.0 12.94 16.66 .438 10.00 .594 7 81.0 7 7.2 10.0 7.0 12.94 16.66 .438 10.00 .594 7 81.0 809.2 7.2 10.0 7.0 12.94 16.66 .438 10.00 .594 7 81.1 7.3 922.9 7.3 10.0 6.0 13.94 16.66 .438 10.00 .594 7 81.1 7.3 922.9 7.3 11.0 8.0 14.25 18.72 .500 9.00 .594 7 81.8 7 953.7 7.3 11.0 8.0 14.35 6.50 10.0 9.00 .594 7 81.8 7 953.7 7.3 11.1 8.0 14.35 18.72 .500 9.00 .875 9 81.8 7 953.7 7.3 11.1 8.0 14.35 18.72 .500 10.00 .594 7 81.8 7 953.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .594 7 81.8 7 953.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7 953.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7 953.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7.0 993.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7.0 993.7 7.3 11.3 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7.0 993.7 7.3 11.0 7.7 15.00 18.06 .500 11.00 .595 9 81.8 7.0 993.7 7.3 11.3 7.7 15.00 18.00 .500 11.00 .595 9 81.8 7.0 993.7 7.3 11.3 7.7 15.00 18.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00 .500 11.00	*** 64.4		73.2	518.2	9.9	6.8	6		2	. 430	7.00	. 531	7.36
74.0 472.2 5.9 0.4 6.4 10.91 14.53 .433 9.00 .531 6  79.8 605.4 6.6 9.2 7.6 11.31 16.72 .438 6.00 .519 7  79.8 605.7 6.6 9.3 7.7 11.31 16.72 .438 6.00 .519 7  85.8 652.7 6.6 9.4 7.5 11.59 16.66 .438 7.80 .519 7  86.5 632.7 6.6 9.5 7.4 11.31 16.72 .438 6.00 .519 7  86.5 632.7 6.6 9.5 7.3 11.70 16.53 .438 9.00 .519 7  81.1 756.9 7.1 6.6 9.7 7.3 12.03 16.72 .438 9.00 .519 7  81.1 756.9 7.1 6.6 9.7 7.3 12.03 16.72 .438 9.00 .519 7  81.1 756.9 7.1 6.6 9.3 7.4 11.70 16.53 .438 9.00 .519 7  81.1 756.9 7.1 6.6 9.3 7.4 12.34 16.59 .438 9.00 .519 7  81.1 756.9 7.1 9.9 9.1 12.54 16.59 .438 9.00 .594 7  85.1 77.3 7.1 9.9 9.1 12.55 18.72 .510 .500 .594 7  85.1 777.3 7.1 9.9 9.1 12.55 18.66 .438 9.00 .594 7  85.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6				2.9	4.6	4		2	.438	00.0	*65.	6.51
78.6 612.6 6.6 9.2 7.7 11.15 16.59 .438 7.01 .594 7 79.8 615.4 6.6 9.2 7.6 11.25 16.53 .438 8.01 .531 7 79.8 615.4 6.6 9.2 7.6 11.25 16.53 .438 8.01 .531 7 85.8 627.7 6.6 9.4 7.5 11.25 16.59 .438 8.01 .556 7 85.8 627.7 6.6 9.4 7.5 11.75 16.59 .438 8.01 .556 7 86.5 627.7 6.6 9.5 7.4 11.75 16.53 .438 8.01 .556 7 81.1 7.5 65.1 6.6 9.7 7.3 11.7 16.53 .438 8.01 .556 7 81.2 7.5 65.1 6.6 9.7 7.3 12.2 16.50 .438 8.01 .556 7 81.3 7.5 65.1 6.6 9.7 7.2 12.2 16.6 .438 8.01 .556 7 81.9 7.8 65.1 6.6 9.8 7.7 9.3 12.2 16.5 6.438 8.01 .556 7 81.9 7.8 65.1 6.6 9.8 7.9 12.3 16.5 6.438 9.01 .556 7 81.9 7.8 65.1 6.6 9.8 7.9 12.3 16.5 6.438 9.01 .556 7 81.9 7 7.1 7.3 7.1 9.8 9.0 12.5 16.6 .438 9.01 .579 9 85.1 77.2 7.1 9.8 9.0 12.5 16.7 43 9.01 .719 7 87.6 685.4 6.7 10.0 7.0 12.5 16.7 43 9.01 .719 7 89.6 556.1 5.9 9.8 12.9 14.6 6.438 10.01 .594 7 89.6 556.1 5.9 9.8 12.9 14.6 6.438 10.01 .594 7 89.6 556.1 10.0 6.0 12.9 14.6 6.438 10.01 .594 7 89.7 6 685.4 6.7 10.0 6.0 12.9 14.6 6.438 10.01 .594 7 89.8 11.0 7.2 10.0 6.0 12.9 14.6 6.438 10.01 .594 7 89.8 11.0 7.2 10.0 6.0 12.9 14.6 6.438 10.01 .594 7 89.8 11.0 7.2 10.0 6.0 12.9 14.6 6.438 10.01 .594 7 89.8 11.0 7.2 10.0 6.0 12.9 14.6 6.5 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	95 61			472.2	5.9	9.4	3.	6	14.53	.438	9.00	.531	64.9
79.6 615.4 6.6 9.2 7.6 11.25 16.53 .436 8.01 .531 7  79.8 615.0 6.6 9.4 7.7 11.31 16.72 .436 6.01 .719 7  85.6 627.7 6.6 9.4 7.7 11.31 16.72 .436 6.01 .719 7  86.5 623.4 6.6 9.6 7.4 11.75 16.59 .436 8.01 .594 7  81.1 751.2 6.7 9.7 7.3 11.75 16.59 .436 9.01 .594 7  81.1 751.2 7.1 9.7 7.2 12.25 16.66 .436 8.01 .556 7  81.2 751.2 7.1 9.7 7.2 12.25 16.66 .436 8.01 .556 7  81.3 76.9 7.1 9.7 9.3 12.26 16.66 .436 8.01 .556 7  81.4 77.3 7.1 9.7 9.3 12.26 16.69 .436 9.01 .594 8  81.9 645.6 6.5 9.3 7.1 12.34 16.89 .501 .501 .594 8  81.9 645.6 6.5 9.3 7.1 12.34 16.89 .501 .501 .594 8  81.9 645.6 6.5 9.3 7.1 12.35 16.89 .501 .501 .594 8  81.9 645.6 6.5 9.3 7.1 12.35 16.89 .501 .501 .594 8  81.9 7 77.3 7.1 9.6 9.1 12.59 16.66 .438 10.01 .594 9  81.0 7.0 12.5 6.1 10.0 6.9 12.94 16.59 .438 10.01 .594 9  81.0 7.1 16.5 7.2 10.1 6.9 12.95 14.66 .438 10.01 .594 7  81.0 899.2 7.3 11.0 6.9 12.94 16.59 .438 10.01 .594 9  81.0 899.2 7.3 11.0 7.0 14.93 18.66 .501 7.01 .594 9  81.0 899.2 7.3 11.0 7.0 14.93 18.66 .501 7.01 .594 9  81.1 7.3 929.3 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .594 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .595 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 14.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 16.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 16.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 16.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 16.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3 11.0 7.0 16.91 18.66 .501 10.01 .505 9  82.6 8.7 7.3	*	12	78.4	602.4	9.9	9.2	~	7	16.59	.438	7.00	165.	7.39
79.6         615.0         6.6         9.3         7.7         11.31         16.72         -436         6.00         -719         6.6         9.4         7.5         11.59         16.66         -436         7.80         -656         7.80         6.6         9.6         7.81         11.75         16.66         -436         7.80         -656         7.80         -656         7.80         -656         7.80         -656         7.80         -656         7.80         -656         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80         7.80	59 53		19.8	605.4		9.5	9	2	16.53	.438	00.9	.531	7.36
83.5 627.7 6.6 9.4 7.5 11.59 16.66 .438 7.80 .656 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5		0	615.0				11.31	16.72	.438	6-00	.719	7.45
65.8         633.4         6.6         9.5         7.4         11.75         16.53         .436         9.0         9.5         7.3         11.76         16.53         .436         9.0         9.0         7.3         11.72         .436         9.0         9.0         7.3         11.76         16.53         .436         9.0         9.0         9.7         7.2         12.25         16.66         .436         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.	11		83.5	627.7	9.9		.5	11.59	16.66	.438		65	7.42
06.5         632.7         6.6         9.5         7.3         11.70         16.53         .436         9.0         8.31         7.0         9.1         7.2         12.0         3.4         7.0         9.7         7.2         12.0         16.75         .436         9.0         9.1         7.0         9.7         7.2         12.2         9.1         6.6         .50         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0	35			633.4		9.6		11.75		.438		.594	7.39
91.7 652.1 6.7 9.7 7.3 12.03 16.72 .438 7.00 .719 7 91.7 660.1 6.6 9.7 7.2 12.25 16.66 .438 8.00 .656 7 93.3 662.1 6.6 9.8 7.1 12.35 16.66 .438 8.00 .656 7 93.3 662.6 6.5 9.8 7.1 12.35 16.86 .438 9.00 .875 8 95.4 771.2 7.1 9.8 9.0 12.56 18.59 .500 6.00 .875 8 97.6 685.4 6.7 10.0 12.56 18.59 .500 6.00 .719 7 99.6 585.4 777.3 7.1 10.0 12.59 15.66 .438 9.00 .719 7 99.6 685.4 6.7 10.0 7.0 12.75 16.72 .438 9.00 .719 7 99.6 585.1 5.9 9.4 12.89 15.66 .438 9.00 .719 7 99.6 554.1 5.9 9.4 12.89 15.66 .438 9.00 .719 7 10.7 688.8 6.6 10.0 6.9 12.94 16.59 .438 9.00 .656 7 10.7 688.9 6.7 10.1 6.9 12.94 16.59 .438 9.00 .656 7 10.8 77.1 7.2 10.1 6.9 12.94 16.59 .438 11.00 .656 7 10.9 7 717.1 6.6 10.3 6.7 13.47 16.72 .438 10.00 .719 7 117.0 899.2 7.3 11.0 7.9 14.05 .438 9.00 .719 9 118.7 952.9 7.3 11.0 7.9 14.95 .500 9.00 .719 9 126.4 965.4 7.3 11.0 7.9 14.95 .500 9.00 .719 9 126.4 965.4 7.3 11.3 7.7 15.76 .500 9.00 .719 9 136.9 999.7 7.3 11.3 7.7 15.56 18.66 .500 10.00 .719 9 136.0 999.7 7.3 11.5 7.7 15.56 18.66 .500 10.00 .719 9 144.8 1936.3 7.3 11.5 7.7 15.56 18.66 .500 10.00 .719 9	15		86.5	632.7		9.5		11.78	16.53	.438		.531	7.36
91.7         660.1         6.6         9.7         7.2         12.25         16.66         .436         0.00         .656         9           81.1         750.9         7.1         9.3         12.26         18.66         .510         5.00         .656         9           81.9         662.1         6.6         9.8         7.1         12.34         16.69         .510         .656         9         9.0         12.34         16.89         .510         .872         9         9.0         12.56         18.72         .510         .656         9         9.0         12.59         18.72         .510         .656         9         9.0         12.59         18.72         .510         .696         9         9.0         12.59         18.72         .510         .696         9         9.0         12.59         18.72         .510         .696         9         9         9.0         12.59         18.72         .510         .696         9         9         12.59         18.72         .510         .696         9         9         9         12.59         18.72         .510         .696         9         9         12.59         14.56         .436         9         9	0		88.7	652.1		4.6		12.03	16.72	.438		.719	7.45
1         750.9         7.1         9.7         9.3         12.26         16.59         .436         9.00         .656         9.6         7.1         12.36         16.59         .436         9.00         .594         7         771.2         771.2         7.1         9.0         9.0         12.56         16.59         .436         9.00         .594         7         7         12.56         16.59         .500         6.00         .594         7         7         12.56         16.59         .500         6.00         .594         7         9         9         1         12.59         16.72         .500         6.00         .719         9         9         1         12.59         14.66         .436         10.00         .596         9         6         6         10.00         .656         9         .719         7         9         9         10.00         .656         9         .000         .719         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9	55		91.7	660.1		7.6	2	15.25		.438	•	.656	7.42
3         662.1         6.6         9.8         7.1         12.34         16.59         .438         9.00         .594         7         7.9         12.38         16.88         .510         .500         .875         8         16.89         .500         .500         .875         8         16.89         .500         .500         .594         9         12.25         16.72         .500         .500         .794         9         .794         9         .700         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .719         .700         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710	.75		81.1	6.052		3.7		12.28	•	.500		.656	24.6
9         645.6         6.5         9.3         7.9         12.35         16.86         .510         5.00         .875         8           771.2         7.1         9.6         9.1         12.56         18.59         .500         6.00         .594         9           6         535.6         5.9         9.2         5.0         12.59         14.66         .436         10.00         .594         9           6         685.4         6.7         10.0         7.0         12.75         16.72         .438         9.60         .719         7           7         668.6         10.0         6.9         12.94         16.66         .438         9.60         .719         7           8         6.6         10.0         6.9         12.94         16.66         .438         10.00         .656         7           9         7.7         6.6         10.0         6.9         12.94         16.66         .438         10.00         .656         7           1         6.6         10.0         6.0         13.54         16.76         .438         10.00         .719         7         7         7         7         7         7 <td>96.</td> <td></td> <td></td> <td>662.1</td> <td></td> <td></td> <td>7</td> <td>15.34</td> <td>•</td> <td>.438</td> <td></td> <td>165.</td> <td>7.39</td>	96.			662.1			7	15.34	•	.438		165.	7.39
771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2         771.2 <th< td=""><td>60.</td><td></td><td></td><td>9.549</td><td></td><td></td><td>6</td><td>12.38</td><td>16.88</td><td>.500</td><td></td><td>.875</td><td>8.58</td></th<>	60.			9.549			6	12.38	16.88	.500		.875	8.58
1         777.3         7.1         9.9         9.1         12.59         10.72         .580         5.00         .719         9           6         655.6         5.9         9.2         5.6         12.69         16.66         .438         10.00         .719         9           6         669.7         6.6         10.0         6.9         12.94         16.66         .438         9.00         .656         7           7         608.8         6.6         10.0         6.9         12.94         16.66         .438         10.00         .656         7           6         554.1         5.9         12.94         16.59         .438         10.00         .656         7           7         568.6         13.54         16.72         .438         10.00         .594         7           8         77.1         6.6         13.56         16.72         .438         10.00         .719         9           9         77.2         11.6         6.6         13.56         16.66         .438         10.00         .719         9           1         11.0         6.6         13.56         16.66         .438         10.00	.70		95.4	771.2	7:1		•	15.56	18.59	.500	6.00	. 594	9.44
6 685.6 5.9 9.2 5.8 12.69 14.66 .438 10.00 .656 6 6 6 6 6 10.0 7.19 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 81		2	777.3			-	15.59	18.72	. 590	2.00	.719	9.50
97.6 685.4 6.7 10.0 7.0 12.75 16.72 .438 0.00 .719 7 99.8 619.7 6.6 10.1 0.9 12.91 16.66 .438 9.60 .656 7 10.1 0.9 12.94 16.56 .438 9.60 .656 7 10.1 0.9 12.94 16.59 .438 10.0 0.556 7 10.1 0.9 12.94 16.59 .438 11.0 0.556 7 10.5 6.8 13.84 14.66 .438 11.0 0.594 7 10.5 57.1 10.3 6.7 13.47 16.72 .438 11.0 0.594 7 10.5 6.7 13.47 16.72 .438 11.0 0.594 7 10.5 6.7 10.3 6.6 13.56 16.66 .438 11.0 0.579 7 10.5 6.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10	.15		2.	535.6		6	•	15.69	14.66	.438	10-00	.656	6.54
99.6 689.7 6.6 10.0 6.9 12.91 16.66 .436 9.60 .656 7 100.7 6080.8 6.6 10.0 6.9 12.94 18.66 .438 9.60 .656 9 100.7 6880.8 6.6 10.1 8.9 12.94 18.66 .510 6.00 .656 9 106.5 716.2 6.7 10.3 6.7 13.47 16.72 .438 10.00 .656 9 107.9 717.1 6.6 10.3 6.7 13.47 16.72 .438 9.00 .719 7 107.0 899.2 7.3 10.8 6.4 14.83 18.72 .500 7.00 .719 9 114.7 922.9 7.3 11.0 6.4 14.25 18.86 .500 6.00 .875 9 116.3 926.3 7.3 11.0 7.9 14.91 18.66 .500 9.00 .656 9 118.7 951.7 7.3 11.1 8.0 15.13 18.86 .500 9.00 .656 9 126.4 963.4 7.3 11.3 7.7 15.47 18.72 .500 10.00 .594 9 126.4 963.4 7.3 11.3 7.7 15.66 18.66 .500 9.00 .656 9 136.5 999.4 7.3 11.5 7.7 15.66 .500 10.00 .656 9 136.5 999.4 7.3 11.5 7.7 16.52 18.66 .500 10.00 .656 9 136.5 999.4 7.3 11.5 7.7 16.52 18.66 .500 11.00 .656 9 136.6 136.3 7.3 11.6 7.7 16.52 18.66 .500 11.00 .656 9	.35			685.4				15.75	16.72	.438	00.0	.719	
90.2 801.2 7.2 10.1 6.9 12.94 18.66 .500 6.00 .656 9 9 10.7 501 10.7 501 10.8 501 10.8 501 10.7 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10.8 501 10	69.	-	6	689.7		0	6	15.91	16.66	.438	9-60	.656	2.45
100.7 666.8 6.6 10.0 6.8 12.94 16.59 .438 10.00 .594 7 106.5 716.2 6.7 10.3 6.7 13.4 14.66 .438 11.00 .656 6 107.9 717.1 6.6 110.3 6.7 13.5 16.66 .438 10.00 .656 7 107.9 717.1 6.6 110.3 6.7 13.5 16.66 .438 10.00 .656 7 117.1 899.2 7.3 110.6 6.4 14.03 18.72 .500 7.00 .719 9 117.3 929.3 7.3 11.0 7.9 14.97 18.72 .500 9.00 .676 9 116.7 929.3 7.3 11.0 7.9 14.97 18.65 .500 9.00 .656 9 116.7 951.7 7.3 11.0 7.0 14.94 10.59 .500 7.00 .875 9 124.4 965.4 7.3 11.1 6.0 15.13 10.00 .500 7.0 .875 9 136.5 999.7 7.3 11.5 7.7 15.67 18.66 .500 10.00 .656 9 136.5 999.7 7.3 11.5 7.7 15.67 18.66 .500 10.00 .656 9 136.6 10.60 11.00 .656 10.66 .500 11.00 .656 9 136.7 10.60 7.3 11.5 7.7 16.52 10.66 .500 11.00 .656 9 136.8 10.60 7.3 11.5 7.7 16.52 10.66 .500 11.00 .656 9 144.0 10.60 7.3 11.5 7.4 16.52 10.66 .500 11.00 .719 9		1	90.	801.2		0	0	15.94		.500	•	.656	24.6
99.6 554.1 5.9 9.4 5.6 13.34 14.66 .438 11.00 .656 6 10.5 11.00 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .656 6 11.0 .6		9	00	668.8		0		15.94		.438	6	.594	7.39
106.5 716.2 6.7 10.3 6.7 13.47 16.72 453 9.00 719 7.  107.9 717.1 6.6 10.3 6.6 13.56 16.66 438 10.00 656 7.  107.0 699.2 7.2 110.6 6.4 14.25 16.88 650 6.00 6719 9.  117.3 922.9 7.3 11.0 8.0 14.75 18.72 500 6.00 675 9.  118.3 926.3 7.3 11.0 7.9 14.91 18.66 500 9.00 656 9.  118.7 951.7 7.3 11.1 8.0 15.13 18.88 500 7.00 6875 9.  124.4 965.4 7.3 11.3 7.7 15.47 18.72 550 10.00 655 9.  126.1 965.4 7.3 11.3 7.7 15.65 500 9.00 656 9.  136.5 999.7 7.3 11.5 7.7 15.65 500 11.00 655 9.  136.6 999.7 7.3 11.5 7.7 15.65 500 11.00 655 9.  136.7 999.4 7.3 11.5 7.4 16.22 18.66 550 11.00 656 9.	.36	-	66	554.1		9	91	13.34	91	984	:	.656	6.54
105.0 717.1 5.5 10.3 5.5 15.55 15.55 14.00 .955 14.00 .955 14.00 105.0 899.2 7.3 10.6 6.4 14.03 16.72 .500 7.00 .719 9.117.1 899.2 7.3 11.0 6.0 14.75 16.72 .500 8.00 .719 9.117.3 929.3 7.3 11.0 7.9 14.91 18.66 .500 9.00 .579 9.118.7 951.7 7.3 11.0 7.9 14.91 18.66 .500 9.00 .556 9.118.7 951.7 7.3 11.1 8.0 15.13 18.85 .500 7.00 .594 9.118.7 951.7 7.3 11.3 7.7 15.47 18.72 .500 9.00 .719 9.126.4 965.4 7.3 11.3 7.7 15.67 18.75 .500 9.00 .556 9.136.5 999.7 7.3 11.5 7.7 15.65 9.500 11.00 .656 9.135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 .500 11.00 .719 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 .500 11.00 .719 9.	00.		9	716.2	•	9		10.01	:	054.	:	617.	
117.7 959.2 7.3 11.0 6.0 14.75 16.72 510 6.00 6.75 9.117.3 922.9 7.3 11.0 6.0 14.75 16.72 510 6.00 6.75 9.117.3 929.3 7.3 11.0 7.9 14.91 18.66 500 9.00 656 9.118.7 951.7 7.3 11.0 7.9 14.91 18.66 500 9.00 656 9.118.7 951.7 7.3 11.1 8.0 15.13 18.88 500 7.00 656 9.126.4 955.4 7.3 11.3 7.7 15.47 18.72 500 9.00 7.00 679 9.126.1 995.4 7.3 11.3 7.7 15.67 18.66 500 9.00 656 9.135.0 999.4 7.3 11.5 7.4 16.22 18.66 500 11.00 656 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 5500 11.00 656 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 5500 11.00 656 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 500 11.00 71.9 9.144.0 1036.3 7.3 11.5 7.4 16.22 18.66 5500 11.00 656 9.144.0 11.00 71.9 9.144.0 11.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.	91		2	11/01		9 6	•		۹۰	000	10.00	10	200
116.7 922.9 7.3 11.0 0.4 14.7 16.66 500 9.00 656 9.116.3 922.9 7.3 11.0 7.9 14.91 18.66 500 9.00 656 9.116.3 926.3 7.3 11.0 7.9 14.91 18.66 500 9.00 656 9.116.7 951.7 7.3 11.1 8.0 15.13 18.86 550 7.00 875 9.126.4 965.4 7.3 11.3 7.7 15.47 18.72 550 9.00 679 9.136.5 999.7 7.3 11.3 7.7 15.66 18.66 550 9.00 656 9.136.9 999.4 7.3 11.5 7.4 16.22 18.66 550 11.00 656 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 656 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 550 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11.00 719 9.144.0 11			102.				•	1. 26	: "	200			
117.3 929.3 7.3 11.0 7.9 14.91 18.66 .500 9.00 .656 9.11.0 7.9 14.94 18.59 .500 10.00 .656 9.11.0 7.3 11.0 7.8 14.94 18.59 .500 10.00 .694 9.124.4 963.4 7.3 11.1 8.0 15.13 18.86 .500 7.00 .875 9.126.4 965.4 7.3 11.3 7.7 15.47 18.76 .500 9.00 .719 9.126.1 965.4 7.3 11.5 7.7 15.66 18.66 .500 10.00 .656 9.135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 .500 11.00 .656 9.144.0 1036.3 7.3 11.6 7.2 16.91 18.72 .500 11.00 .719 9.			10.4				•	14.75	-				
116.3 928.3 7.3 11.0 7.0 14.94 10.59 .500 10.00 .594 9. 118.7 951.7 7.3 11.1 6.0 14.94 10.59 .500 10.00 .594 9. 126.4 965.4 7.3 11.3 7.7 15.47 10.72 .500 9.00 .719 9. 126.1 965.4 7.3 11.3 7.7 15.56 10.66 .500 10.00 .656 9. 130.5 999.7 7.3 11.5 7.7 16.00 10.06 .500 0.00 .675 9. 135.0 999.4 7.3 11.5 7.4 16.22 10.66 .500 11.00 .656 9. 144.0 1036.3 7.3 11.6 7.2 16.91 10.72 .500 11.00 .719 9.	27.						•		. "			200	•
118.3 928.3 7.3 11.0 7.8 14.34 18.29 .500 10.00 .594 9. 118.7 951.7 7.3 11.1 8.0 15.13 18.86 .500 7.00 .875 9. 124.4 965.4 7.3 11.3 7.7 15.47 18.76 .500 10.00 .559 9. 130.5 999.7 7.3 11.5 7.7 16.00 18.86 .500 8.00 .875 9. 135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9. 144.0 1036.3 7.3 11.6 7.2 16.91 18.72 .500 11.00 .719 9.	600	2	11/.5	5.636		11.0					30.6	000	
118.7 951.7 7.3 11.1 8.0 15.13 10.68 .500 7.00 .875 9. 124.4 963.4 7.3 11.3 7.7 15.47 18.72 .510 9.00 .719 9. 126.1 965.4 7.3 11.3 7.7 15.6 10.66 .500 10.00 .656 9. 130.5 999.7 7.3 11.5 7.4 16.01 10.68 .500 11.00 .656 9. 135.0 999.4 7.3 11.5 7.4 16.22 10.66 .510 11.00 .656 9. 144.0 1036.3 7.3 11.6 7.2 16.91 18.72 .500 11.00 .719 9.	.80 84.	~	118.3	928.3		11.0		14.94		.500	10-00	.594	
124.4 963.4 7.3 11.3 7.7 15.47 18.72 .510 9.00 .719 9. 126.1 965.4 7.3 11.3 7.7 15.56 18.66 .500 10.00 .656 9. 130.5 999.7 7.3 11.5 7.7 16.00 18.86 .500 8000 .875 9. 135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9. 144.8 1036.3 7.3 11.6 7.2 16.91 18.72 .500 11.00 .719 9.	*	4	118.7	951.7		11:1		15.13		.500	2.00	.875	
120.1 965.4 7.3 11.3 7.7 15.56 18.66 .500 10.00 .656 9. 130.5 999.7 7.3 11.5 7.7 16.00 18.88 .500 8.00 .875 9. 135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9. 144.8 1036.3 7.3 11.8 7.2 16.91 18.72 .500 11.00 .719 9.	. 60	9	124.4	963.4		11.3		15.47	-	.500	9.00	.719	
130.5 999.7 7.3 11.5 7.7 16.00 18.88 .500 8.00 .875 9. 135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9. 144.8 1036.3 7.3 11.8 7.2 16.91 18.72 .500 11.00 .719 9.	.90 65	9.	126.1	965.4		11.3		15.56		.500	10.00	.656	
135.0 999.4 7.3 11.5 7.4 16.22 18.66 .500 11.00 .656 9. 144.0 1036.3 7.3 11.0 7.2 16.91 18.72 .500 11.00 .719 9.	99 04.		•	7.666		11.5		16.00	•	.500		.875	
144.8 1036.3 7.3 11.8 7.2 16.91 18.72 .500 11.00 .719 9.	.15 86	9.	-	9.666		11.5		16.22	9.	.500		•656	
	64.	0	3	1036.3		11.0	7.2	•		.500		.719	

-281 IN. PLATE (AREA= 2.69 SQ.IN.)

0.2813 - 9/32 in.

-	SHEAR	ARE		44	.5	.87	1.0	.68	1.0	1.2	1.23	1:0	.87	1.25	1.653		7.1	1.91	1.69	1.92	2.1	1.91	1.9	2.61	2.1	1.9	2.1	2.4.	14.7	2.16	2.45	2.4	2.1	1.94	5.44	2.4.2	2.1	71.7		2.4	
******	NGE	THICK		188	.188	.313	.250	.313	.313	.313	.250	.250	.313	.313	1620		215	313	.438	.375	.313	.313		313	.313	.313	.438	.375		313	.375	.313	.375	.438	. 430	.375	. 4.50		9 .	175	
	•	HIOIM	2 00	3-00	3.00	2.00	2.00	3.00	2-00	2.00	3-00	4.00	4.00	3-00	200-4			3.00	3.00	3.00	3.00		3.00	3.00	00-4	2.00	3.00	3.00		5.00	4.00	2.00	2.00	2.00	4.00	2.00	200	000		200	
DIMENSIONS	MEB	HICK	125	125	.125	.188	.188	.186	.188	.188	.188	.188	.188	100	.100		201.	.250	.250	.250	.250	.250	0520	250	.250	.250	.250	•250	062.	.250	.250	.250	.250	.250	.250	052.	042.	167.	250	250	1620
BEA				3.19	•	_		3.31				5.25	4.31	6.31	62.0	2.51	10.0	7.31	6.44	7.38	8.31	7.31	***	0.30	8.31	7.31	8.44	9.3	9.51	8.31	9.38	9.31	8.38	7.44	9.44		3 .	0.0		***	3.50
•		AKEA		16.	1.06	1.38	1.44		.5		•	1.94		2.06	-	:	2 50	2.69		2.88	2.94	3.00	3.06	3.19	3.25	3.31	3.31	3.38	3.50	3.56	-	3.81	3.88	3.94	00.4	4.13	4.19	62.4			
		-		2.8	3.6	3.5	£.3	5.6	F.3			3.9	3.1						4.5	2.5		2.0			5.6		2.1	9.4	2.9	2.5		0.9				2.8	2.1	2.		2.0	
		4	•		6.	1:1	1.2	1.0	1.3	1.6	1.7	1.6	1.5	1.9	0.2		***	2.4	2.3	5.5	2.7	5.6	1.2		3.0	2.8	3.1	3.3	* "	3.0	3.6	3.7	3.5	3.3	3.8	6.6	3.1	200			7.
		¥ .		1.2	1.5	1.6				2.4		2.2	6:1	9.2	2.0	3.5		2.9	2.7	3.0	3.3	3.1	3.1	2.7	3.5	3.2	3.5	3.6	200	3.6	3.9	4.0	3.7	3.3			3.7	200			:
		INEKITA		2.9		12.2	17.0	8.9	19.3	28.5	31.1	25.0	18.6	35.3	3.00	1.07	13 7	51.5	44.8	9.95	2.89	59.5	61.4	13.1	78.4	66.1	81.1	96.4	100.6	87.2	110.3	1111.7	96.2	19.7	119.0	122.5	104.5	10201	122 6	135.6	
311	HODDE US	14.	0	2.1	2.9	3.4	3.9	3.4	4.5	2.7	6.5	9.4	2.9			:		9.6	10.0	10.9	11.7	11.8	15.1	13.6	14.0	13.8	14.3	3	7.91	16.2	18.2	18.8	18.5	17.6	20.1	21.2	9.02	2012	22.7	24.2	7.4.0
201 101	SECTION	747		8.1	11.0	11.3	13.8	9.0	14.3	17.4	17.8	15.3	12.6	10.4	10.5	12.6	12.5	21.8	19.6	55.4	25.1	95.20	23.0	28.5	26.1	23.3	56.5	29.3	23.0	26.8	30.4	30.5	27.6	54.4	31.1	31.3	1.92	1.07	5.4.2	41.0	
		11/11	2 00	3.20	3.60	69.4	06.4	5.10	5.30	56.5	6.39	6.60	6.90	00.	***			9.15	9.55	61.6	10.00	10.20	10.40	10.85	11.05	11.25	11.25	11.49	11.90	12.10	12.75	12.95	13.19	13.40	13.60	14.04	14.25	14.43		15.30	12000
		51.ZE	1881	1881	.1881	.313T	.250T	.313T	.313T	.313T	.250T	.250T	.3131	.3131	1067	2131	14.27	31.37	.438T	.375T	.313T	.3137	1054.	3131	.3131	.3131	.438T	.37.51	. 513	3131	.375T	. 31.37	.375T	.4367	-4381	.3751	1924	1676	1024	1775	. 20.0
		•	1257							.188/	.188/	.188/				1001							1057	.250/			.250/	.250/	1067.	.250/	.250/	.250/	-250/	1052.	1052.	1052.	1052.	1062.	2501	2501	.620
		2	5 K C X		4X 3X					6x 2x					X * X X			7X 3X	6x 3x					45 X6				X 3X		8X 5X							8X 5X			9× 5×	

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SHEAR	AREA	1.94	3.37	2.44	3.35	2.19	3.38	2.44	3.35	3.38	3.37	3.40	3.38	3.37	3.07	4.79	3.40	3.38	4.82	3.09	3.07	4.79	4.84	3.40	3.38	4.86	200	40.4	3.40	4.86	4.79	4.84	4.82	4.86	40.4	4.82	9.50	6.53	4.84	4.82	6.50	6.56	7.38	6.53	6.58
LANGE	THICK			•	•	.438	.500	.438	.375	.500	.438	.563	.500	.438	.500	694.	.563	.500	.531	.563	.500	694.	166.	.563	.500	• 656		294	.563	969.	694.	.594	.531	•656	*865	.531	.531	.594	.594	.531	.531	.656	.531	.594	.719
4	WIOTH	7.00	4.00	6.00	5.00	7.00	4.00	7.00	6.00	5.00	6.00	5.00	6-00	7.00	7.00	4.00	6.00	7.00	4.00	7.00	8-00	2.00	4-00	7.00	8.00	6.9		5-00	8.00	5.00	7.00	6.00	2.00	6-00	7.00	8.80	5.00	2.00		9.00	6-00	2.00	2.00	00 -9	5.00
WEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375		375	.313	.375	.375	.375	.375	.375	.375	.375	. 438	.438	.375	.375	.438	.438	.438	.438	.438
05.41	DEPTH	7.44	10.44	9.44	10.38	8.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	15.47	15.59	10.56	10.50	12.66	3.50	12.59	10.56	12.66	12.47	12.59	12.53	15.66	12.59	12.53	14.53	•	12.59		2	14.66	·		14.72
8 8 10 10	AREA	4.81		4.88	5.00	9.06	5.13	5.31				9			6.31	6.38	6.50		6.63					•	7.13	7.13	1.00	7.47	7.63	7.78	7.78	9.00	8.22	8.44	8.66	8.75	8.78	60.6		2	9.31			69.6	9.72
	YF		4.9		6.3			5.1	6.0	6.6	5.8	5.8				7.4	5.5	5.4	7.2	4:1	4.7	7.0		2.5		2.			6.4		6.5		6.3		6.1		6:						8.9		7.5
	Y.	3.7	F. 9	*:4	4.4	4.2	4.5	4.7	4.7	4.9	6.4		5.5	5.5	6.4	5.4	5.4	5.4	2.6	5.1	2.5	2.1	5.8	2.1	2.7	2.9	**	2	5.9	6.3	6.3	6.5	9.9	6.7	8.9		6.9	1:1	7.1	7:1	7.3	7.3	6.2	7.5	7.5
	œ	3.4	6.3	4.2	4.4	3.8	4.4	4.2	4.4	4.5	4.5	4.6	4.6	4.6	4.2	5.0	4.6	4.6	5.1	4.2		•	2.5	4.6	•	•	4.4	2.5		5.3					5.3		2.0		5.4		6.5		6.5	5.9	6.0
	INERTIA	94.0		144.6	158.4	122.4	164.4	155.3	171.5	181.5	184.5	192.3	196.9	197.6	169.7	244.8	208.5		258.3	160.0	180.1	267.8	271.4	222.8	223.4	283.7	2000	297.3	236.1	311.4	307.5	320.7	325.4	335.8	341.9	343.5	408.8	457.8	361.1	360.6	438.6	446.6	249.6	4.654	464.3
MODULUS	ZFL	3.3	24.0	-	5	56.9	9	30.7	28.6	30.5	:	33.1	34.9	35.5	34.8	33.2	38.0	6	35.6	38.1	38.7	38.0	38.1	42.8	43.6	* 0 *	***	64.9	47.7	47.0	47.5	20.0	51.8	53.5	55.9	57.1	51.8	55.1		65.5			61.6	61.9	61.8
SECTION	ZPL	25.2	35.5	32.6	35.8	29.1	36.3	33.1	36.6	37.3	37.4	37.9	38.1	38.1	34.4	45.3	38.7	38.7	46.1	35.0	34.9	46.6	47.0	39.3	39.3	47.7	32.4	F. 84	39.9	49.1	48.7	49.5	9.64	50.5	20.4	50.3	58.9	6.65	51.1	51.0	4.09	6.09	4.69	61.4	61.8
	/FT	35	29	.59	.00	.20	**	. 05	.29	.14	.55	2	•	21.05	3	9	7	5		6	23.15	2						25.40																	
	32	1	.438T	.438T	.375T	.438T	.500T	.438T	.375T	.500T	.438T	. 563T	.500T	.438T	.500T	1694.	. 5631	.500T	.531T	. 563T	.500T	1694·	1965.	. 563T	-500T	.6567	1000	1405	.563T	.656T	1694.	1465.	.531T	.656T	1965.	.5311	.531T	1465.	1465.	.5311	.531T	.656T	.5311	1465.	1617.
	NAL SIZE	>	1	2507	313/	1052	313/	1052	313/	.313/		.313/	.313/	31	.313/	.375/	.313/	31	.375/	.313/	.313/	.375/	.375/	.313/	.313/	.375/	235	375/	.313/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	.438/	.438/	.438/
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7.96 46	158		1156.4	1.4	11.7	7.3	17.63	18.72	.500	12.00	.719	9.52
15 99.4	150	2	1171.9	7.5	11.8	7.4	17.75	18.88	.500	10.00	.875	9.60
129.3	168.		1624.6	8.3	15.6	9.6	20-13	21.88	•625	00.0	.875	13.87
14	177.1	_	1657.3	8.3	15.7	9.3	20.63	21.75	• 625	10.00	.750	13.79
71.40 131.5 182.5	182.5		1695.9	8.4	15.9	9.3	21.00	21.88	• 625	9.00	.875	13.87
	189.7		1716.1	8.3	13.0	9.0	21.38	21.75	• 625	11.00	.750	13.79
1 133.4 1	196.3		1762.8	8.4	13.2	9.0	21.88	21.88	• 625	10.00	.875	13.87
5 137.2	214.	_	1878.8	9.4	13.7	8.7	23.25	22.13	.625	9.00	1-125	14.03
136.7	223.		1881.7	8.4	13.8	4.6	23.63	21.88	.625	12.00	-875	13.87
165.5	220.6		2361.8	9.3	14.4	10.8	24.38	24.88	.688	9.00	.875	17.33
138.2	236.8		1936.2	8.3	14.0	8.2	24.50	21.88	.625	13.00	.875	13.87
168.1	235.9		2472.8	9.3	14.7	10.5	25.25	24.88	.688	10.00	.875	17.33
139.4	250.1		1986.8	8.3	14.2	6	25.38	21.88	•625	14.00	.875	13.87
169.9	237.5		2520.2	9.6	14.6	9	25.50	25.13	.688	8.00	1.125	17.50
170.5	251.1		2558.2	9.3	15.0	10.2	26.13	24.88	.688	11.00	.875	17.33
	257.2		2630.1	4.6	15.2	~	26.63	25.13	.688	9.00	1.125	17.50
172.6	266.6		2639.4	9.3	15.3	6	27.00	24.88	.688	12.00	.875	17.33
	281.9		2715.8	9.3	15.6	9.6	27.88	24.88	.688	13.00	.875	17.33
	295.6		2825.1	4.6	15.9	9	28.88	25.13	.688	11.00	1.125	17.50
99.45 210.2 282.5	282.5		3428.0	10.3	16.3	15.1	29.25	28.13	.750	8-00	1.125	21.33
211.2	297.5		3482.1	10.2	16.5	~	29.88	27.88	.750	11.00	.875	21.14
214.1	304.2		3573.6	10.3	16.7	-	30.38	28.13	.750	9.00	1.125	21.33
214.0	314.5		3590.5	10.3	16.8	11.4	30.75	27.88	.750	12.00	.875	21.14
217.5	325.6		3709.3	10.3	17.1	11.4	31.50	28.13	.750	10.00	1.125	21.33
110.94 220.6 347.1	347.1		3836.8	10.3	17.4	1.1.	32.63	28.13	.750	11.00	1.125	21.33
240.3	355.9		4116.3	10.2	17.1	11.6	36.00	28.38	.875	9.00	1.375	25.11
286.8	436.6		5485.9	11.3	19.1	15.6	40.00	31.38	.875	10-00	1.375	27.73
287.9	459.2		5564.2	11.2	19.3	15.1	40.88	31.13	.875	13.00	1.125	27.51
291.1	465.0		5673.6	11.3	19.5	12.2	41.38	31.38	.875	11-00	1.375	27.73
	4.82.8		5711.0	11.2	19.6	11.8	45.00	31.13	.875	14.00	1.125	27.51
301.7	550.2		6175.0	11.2	20.5	11.2	45.50	31.38	.875	14.00	1.375	27.73
	539.7		7575.6	12.1	20.8	14.0	48.00	34.50	1.000	10.00	1.500	34.81
•	544.6		7572.0	12.1	20.8	13.9	48.13	34.38	1.000	11.00	1.375	34.69
4 413.8 6	604.3		9196.2	13.1	25.2	15.2	50.63	37.13	1.000	13.00	1.125	37.44
172.99 374.1 606.8	606.8		8028.3	12.2	21.5	13.2	50.88	34.38	1.000	13.00	1.375	34.69
9	611.		9359.0	13.1	22.4	15.3	51.13	37.38	1.000	11.00	1.375	37.69
0 430.9 6	662.	15	9937.8	13.2	23.1	15.0	53.50	37.75	1.000	10-00	1.750	30.06
187.00 386.2 699.9	699.		8632.2	12.2	22.4	12.3	55.00	34.38	1.000	16.00	1.375	34.69

.313 IN. PLATE (AREA: 3.32 SQ.IN.)

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	113.7	21.6
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4.4		24.1
3.9 5.8 4.50	;	24.7
3.8 6.9 4.63 10	154.3	22.4
4.63	123.6	24.2

.344 IN. PLATE (AREA - 4.02 SQ.IN.)

	SHEAR	AREA	1.95	3.38	54.2	3.36	2.20	3.39	2.45	3.36	3.39	3.38	3.41	3.39	3.38	3.08	4.81	3.41	3.39	4.83	3.10	3.08	1.91	4.85	3.41	3.39	4.88	3.10	4.81	4.85	3.41	4.86	10.4	4.85	4.83	**	4.85	4.83	6.51	9.54	4.85	4.83	6.51	6.57	7.39	9.54	6.60
*******	NGE	THICK	.438	.438	.438	.375	.438	.500	.438	.375	.500	.438	.563	.500	.438	.500	694.	.563	.500	.531	.563	.500	694.	.594	.563	.500	959.	.563	694.	.594	.563	969.	694.	.594	.531	• 656	*65*	.531	.531	*65.	.594	.531	.531	959.	.531	.594	.719
		HIDIM	7.00	00-4	6.00	5.00	7.00	4-00	7.00	6.00	5.00	6.00	5.00	6.03	7.00	2.00	4.00	6-00	7.80	4.00	2.00	8-00	2.00	4.00	7.00	00-9	** 00	8-80	00-9	2.00	8.00	2.00	2.00	6.00	7.00	6.00	7.00	8.00	2.00	2.00	8.80	9.00	6.00	2.00	2.00	6.00	2.00
DIMENSIONS	MEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313		.313			.313			.313	.313	.375	.375	.313	.313	.375	.313	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.438	.438	.438	.438
BEAN BEAN		DEPTH	7.44	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	15.47	15.59	10.56	10.50	12.66	9.56	12.47	12.59	10.56	12.66	12.47	15.59	12.53	12.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53		16.53	14.59	14.72
****		AREA	4.81	4.88	4.88	2.00	90.5	5.13	5.31	5.38	5.63	5.75	5.94	6.13	6.19	6.31	6.38	6.50	6.63	6.63	6.75	6.81	6.84	99.9	2.06	7.13	7.13	7.31	7.31	1.67	7.63	7.78	7.78	9.00	8.22	34.0	9.66	8.75	8.78	60.6	9.25	9.58	9.31	9.41	99.6		9.72
		YF		6.9	2.5	9.9	6.4	9.9	5.4	6.3	6.3	6.2	6.2	6.0	5.9	2.5	7.7	5.8	2.1	1.6	5.1	2.0	1:4	1.5	9.6	5.5	1:4		7.1	7.1	5.3	7.0	6.8	6.8					8.3			6.1	9.0	8.0	9.3	7.8	7.9
		4	3.5	4.0	4.1	4.1	3.9	4.2	*.*	*:*	4.5	4.6	4.7	4.8	4.9	4.6	5.1	5.1	5.1	5.3	4.0	4.9	2.4	2.4	5.3	5.4	9.6	5.1	2.1	5.8	2.6	6.0		6.1		4.9	6.5	6.5	9.9	6.9	6.7	2.9	6.9	2.0	1.5	7:1	7.2
		ď	3.4	4.3	4.2	4.3	3.8	4.4	4.3	*:*	4.5	4.5	4.6	4.6	4.6	4.2	9.0	9.4	4.6	5.1	4.3	<b>6.3</b>	2.5	2.5	4.7	4.7	5.5	4.3	2.5	5.3	4.7	5.3	5.3	2.4	2.4	2.4	2.4	2.4	2.9	6.6	5.4	5.4	0.9	0.9	9.9	9.0	0-9
		INERTIA	102.6	165.9	156.9	170.6	133.4	177.3	169.1	185.3	196.4	199.8	208.5	213.8	214.7	185.1	263.4	226.9	259.5	278.2	196.9	197.1	288.8	292.7	243.3	244.1	306.3	209.0	311.9		258.6	337.3	333.1	347.8	353.2	364.8	371.8	373.6	440.1	6.094	393.5	393.0	472.9	481.7	5.065	6.564	501.1
	HODOLUS		23.7	54.6	27.7	25.8	27.4	26.8	31.3	29.5	31.2	32.4	33.9	35.7	36.3	35.5	34.1	38.8	40.1	36.6	39.0	39.6	39.0	39.1	43.7	44.6	41.4	43.4	43.9	1.5.1	48.8	48.2	48.7	51.5	53.1	24.8	57.3	58.5	53.5	9.95	63.4	64.0	59.6	1.09	63.3	63.6	63.5
	-	ZPL	59.6	41.1	38.0	41.4	34.1	42.0	38.6	45.4	43.2	43.3	43.9	44.1	44.1	40.0	51.8	44.6	44.8	52.8	9.04	40.5	53.4	53.8	45.5	45.5	9.45	41.1	24.7	55.3	2.94	2.95	25.7	9.99	26.8	57.4	27.6	57.6	2.99	67.8	58.5	58.4	68.3	6.89	78.3	69.5	6.69
	S	MT/FT	16.35	16.59	16.59	17.00		17.44	18.05	18.29	19.14	19.55	20.20	20.84	21.05	21.45	21.69	22.10	55.54	\$5.22	25.95	23.15	23.26	23,39	;		24.24	24.85	24.85	25.40	55.94	54.92	54.92	27.40	27.95	28.70	59.44	29.75	58.62	30.91	31.45	31.55	31.65	31.99	32.84	32.95	33.05
		32	.438T	.438T	-438T	.375T	.438T	-500T	.438T	.375T	.500T	.438T	.563T	.500T	.438T	.500T	1694.	.563T	.500T	.531T	. 5631	.500T	1694.	1965.	. 563T	.500T	.656T	. 563T	1694.	1465.	. 5631	.656T	1694.	. 59 4T	.531T	.656T	. 594T	.531T	.531T	. 594T	. 594T	. 531T	.531T	.656T	.5311	1965.	1917.
		INAL SI	.250/	.313/	.250/	.313/	.250/	.313/	.250/	.313/	.313/	.313/	.313/	.313/	.313/	_	.375/	.313/	.313/	.375/	.313/	.313/	.375/	.375/	.313/	.313/	.375/	.313/	.375/	.375/	.313/	.375/	•	•	.375/	.375/	.375/	.375/	.438/	•	•	•	•	•	•	•	.438/
		HON	XX XX		3x 6x		8x 7x			10X 6X					10x 7x	9x 7x	12X 4X	10x 6x					12x 5x						12x 6x					12× 6×		12x 6x											14X 5X

.344 IN. PLATE (AREA = 4.02 SQ.IN.)

CHEAD	AREA		6.51	7.42	6.57	7.39	7.45	6.54	6.51	7.42	7.47	7.39	6.54	6.51	7.42	7.39	7.47	7.45	7.42	7.39	7.47	7.45	5		8.61	9.47	9.53	01			7.50	200	7.67	-	6	•	9.53	9.50	24.6		9.53	9.50	9.61	9.50
3500	THICK	456	.531	.594	.656	.531	.656	.594	.531	.594	.719	.531	.594	.531	.594	.531	.719	.656	.594	.531	.719	.656	.656	.594	.875	.594	.719	.656	.719	. 656	604	486	.719	.656	.719	.875	.719	.656	.594	.875	.719	.656	.875	.656
S	MIDIM	8.00	7.00	5.00	6.00	6.00	5.00	7.00	0.00	6.00	5.00	7.00	8.00	9.00	7.00	00-9	9	7.00	8.00	9.00	7.80	00.0	2.00	9.00	2.00	9.00	2.00	10.00		3.6			00.0	10.00	7.00	6.00	8.00	9.00	10-00	7.00	9.00	10.00	9-00	11.00
1 DIMENSION	THICK	375	. 436	.438	.438	.438	.438	.438	.438	.438	.436	.438	.438	.438	.438	.438	.438	.430	.438	.438	.438	.438	.580	.438	.500	.500	. 500	. 438	854.				638	.438	.500	.500	.500	.500	.500	.500	.500	.500	.500	.500
*** BEAM	DEPTH	12.66	14.53	16.59	14.66	16.53	16.66	14.59	14.53	16.59	16.72	16.53	14.59	14.53	16.59	16.53	16.72	16.66	16.59	16.53	16.72	16.66	18.66	16.59	16.88	18.59	18.72	14.66	16.72	10.00	10.00	10.59	16.72	16.66	10.72	18.88	19.72	18.66	18.59	18.88	18.72		18.88	18.66
	AREA	9.75	9.84	16.6	10.06	10.19	10.28	10.28	10.30	10.56	10.59	10.72	10.88	10.91	11.16	11.25	11.31	11.59	11.75	11.78	12.03	12.25	12.28	12.34	12.30	12.56	12.59	12.69	12.75	16.91	16.34	12.31	13.67	13.56	14.03	14.25	14.75	14.91	14.94	15.13	15.47	15.56	16.00	16.22
	YF	6.9	7.7	9.5	7.7	9.6	9.0	7.5	7.4	8.8	8.9	8.7	7.2	7.1	8.5		8.5	8.3	8.2	8.1	8.1	9.0	10.0	7.9	9.6	9.8	6.6	9.5	2:				7.5		9.5	9.5	8.8	8.7	9.8	8.8	8.5	:	9.4	8.2
	YP	7.0	7.2	7.8	7.3	7.9	8.0	7.4	7.5	8.1	8.2	8.2	7.7	7.7	9.5	8.5	9.6	8.7	8.8	8.8	8.9	9.0	9.0	9.0	9.6	9.1	9.1	9.5	9.3	2.0			9.6	9.6	6.6	10.0	10.2	10.3	10.3	10.4	10.6	10.6	10.6	10.8
	~	5.5	6.0	9.9	6.1	1.9	6.7	6.1	6.1	6.7	9.9	6.9	6.1	6.1	6.9	6.8	9.9	6.9	6.9	6.9	6.9	6.9	7.3	6.9	9.9	7.3	7.3	2.9				6.3	6.9	6.9	7.5	7.5	7.5	7.5	1.5	7.6	7.6	7.6	7.6	7.6
	INERTIA	412.5	503.2	617.3	518.5	632.9	643.4	528.1	531.2	662.5	668.7	671.8	557.7	557.3	703.8	707.7	718.8	734.7	741.9	741.3	764.5	774.8	864.2	777.5	749.6	888.5	895.3	637.2	0.989	934.0	0.436	640.0	844.7	846.1	1016.5	1040.5	1069.9	1078.0	1077.1	1104.0	1119.0	1121.8	9	1163.4
SII IIIOUR	ZEL	68.2	65.7	67.3	67.7	70.5	71.1	70.5	71.9	75.2	75.1	77.5	77.5	78.2	83.0	94.4	84.5	88.4	90.7	91.4	93.9	97.0	96.0	9.86	96.8	90.5	0	m t	2 1	105.7	.06.	1001	112.6	114.0	11111	113.3	121.4	124.0	125.0	125.6	131.5	133.2	138.1	142.7
SECTTON	ZPL	50.3	69.7	19.62	20.6	80.2	80.8	6.07	6.02	81.6	82.0	81.9	72.1	72.0	83.3	83.3	94.0	84.5	84.7	84.6	85.7	86.0	6.96	86.0	87.3	97.4	97.9	22.0	10.10	20.00		75.7	88.3	68.3	102.5	103.6	104.4	104.6	104.4	105.6	106.0	106.0	107.6	107.2
	WI/FT	33.15	33.46		34.20			34.95					36.99	37.09			36.45		39.95	40.05	60.04	41.65			45.09	42.70	N	÷ .		50.00		16.36	10	9		48.45	50.15		50.80				24.40	86.16
	SIZE	.656T	5317	1465.	.656T	.531T	.656T	. 594T	.531F	1465.	.719T	.531F	1465.	.531T	1465.	.531T	1617.	.6567	1965.	.531T	.719T	.656T	.656T	1965.	.875T	1965	.7191	.6567	1617	1929		. 66 6T	1617	.656T	.719T	.875T	.719T	.656T	1965.	.875T	1617.	.656T	1578.	FEET
	OMINAL SI	15	438/	438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	-	-	.438/	.438/	.438/	.438/	.438/	.500/	.438/	-500/	2000	2005	.438/	.430	1930	1000	438	•	.438/	.500/	-500/	.500/	2005	.500/	2005	.500/	.500/	-500/	Enn/
	NOM	12X 8X	×	16x 5x	14x 6x	16X 6X	16x 5x	14X 7X	14X 8X	16x 6x	16x 5x	16x 7x	14X 8X	X6 X41	16x 7x	16X 8X	×s	×	×	16x 9x	16x 7x	16X 8X	18x 5x	×	16x 5x	18x 6x	18x 5x	× :	164 64	16 70	X	*****	16 X 9X	16×10×	×	18x 6x	18X 8X	16x 9x	16×10×	18x 7x	18x 9x	18×10×	18X 8X	1 A X 1 1 X

0.3438 - 11/32 in.

SHEAR	AREA	9.53	9.61	12.89	13.81	13.89	13.01	13.89	14.05	13.89	17.35	13.89	17.35	13.89	17.53	17.55	17.35	17.35	17.53	21.36	21.17	21.36	21.17	21.36	25.13	27.76	27.54	27.76	27.54	27.76	34.04	34.72	37.47	34.72	31.00
LANSE	THICK	.719	.875	.875	.750	.675	.750	.175	1,125	.875				.875	1.125		.875	. 675	1.125	1.125	.875	1.125		1.125	1.375	1.375	1.125	1.375	1.125	1.375	1.500	1.375	1.125	1.375	1001
4	HIDIM	12.00	10-00	00.0	19-00	9.00	11-00	10.00	9.00	12.00	9.00	13.00	10.00	14.00	8.00	11.00	12.00	13.00	11.00	8.00	11.00	9.6	12.00	11.00	9.6	10.00	13.00	11.00	14.00	14.00	10-00	11-00	13.00	2	***
DIHENSIONS	THICK	.500	.500	.625	.625	.625	.625	.625	.625	• 625	.688	.625	.666	.625	.688			.688	. 588	.750	.750	.750	200	750	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000		
*** BEAH	DEPTH	18.72	18.88	21.88	21.75	21.88	21.75	21.88	22.13	21.88	24.88	21.88	24.88	21.88	25.13	99.47	24.88	24.88	25.13	28.13	27.88	28.13	20.72	28.13	28.38	31.38	31.13	31.38	31.13	31.30	34.50	34.38	37.13	24.50	00000
•	AREA	17.63	17.75	0 20.13	7 20.63	7 21.00	1 21.38	3 21.88	1 23.25	3 23.63	2 24.38	5 24.50	\$ 25.25	\$ 25.38	25.50		27.00		-	5 29.25	1 29.88	30.38	2000	32.63	36.00	9 40.00	40.88	5 41.38	1 42.00		-	46.13	50.03	50.00	61.16 0
				-		6 9	7 9.	9 9.		. 8.	1 11.		4 10.		5 110			_		_					_	9 12.	_		3 12.	•	-	5 14.		13.	1 7
	4	7.6 11.		8.5 12.	8.5 12.		8.5 12.7	5	9	6.5 13.	.4 14.	.5 13.	10			•	5 15.		5			<b>.</b>		5 17		.4 18.		•			.3 20.	,	22 20	2 22	
	IA									•	6 1	•	6	_			7	_	~	•				10.				-	6	~	.2 12.			77	24
	INERTIA	1248	1264.8	1730.5	1766.3	1607.	1830.	1660.2	2005	2009	2521.	2068.	2618.9	2124.	2666.	2786	2797	2879.	2996.	3608.	3666.	3762.8	2001	4062	4316.	5735.6	5819.3	5933.	5973.	6461.	7871.	7868.	9554	0244	3016
2	ZFL	162.3	162.5	173.3	192.4	187.3	194.6	201.4	220.5	228.9	226.1	242.8	241.8	256.5	243.5	25.0	273.1	288.7	302.8	289.3	304.5	311.4	361.0	355.1	363.8	445.8	468.7	47.4.6	492.7	561.4	549.9	554.6	1.619	622	2 - 3 7 0
SECTION	ZPL	109.6	110.5	141.4	142.3	143.8	144.2	145.9	149.9	149.4	179.2	151.0	182.0	152.3	183.9	104.5	186.8	188.8	192.3	225.5	556.6	229.6	2569.0	236.5	256.0	304.2	305.4	308.6	308.7	319.7	383.4	383.0	455.9	2430.6	1.00
	HT/FT	16.65	60.35	68.44	70.14	71.40	72.69	74.39	79.05	80.34	82.83	83.30	95.85	86.29	86.70	2000	91.80	94.79	98.19	89.48	101.59	103.29	104.55	110.94	122.40	136.00	136.99	140.69	142.80	154.70	163.20	163.64	11.2.14	172.99	1000017
	SIZE		17 .875T	1578. 18	-	1578. 18	37 .750T	57 .875T	625/1.125T					1578. 15	.688/1-1251	1676. 1606.	. 588/ .875T	1678. 1889.	.688/1.125T	.750/1.125T	.7507 .875T	.750/1.1257	1610. 1001.	750/1-1251	.875/1.3751	.875/1.375T	.875/1.125T	.875/1.3757	.875/1-1257	.875/1.3751	0/1-500T	0/1-3/51	1621.17	11.37.51	17 19 17 18
	NOMINAL	•	18X10X . 500/	21X 8X .625/	21X10X . 625/	21X 9X .625/	21X11X . 625/	21X10X .625/	21X 9X .62	15x				*		24. 04 -666/	XX							27x111x -75		×				30X14X .87	33×10×1.000/1.5001	33X11X1.000/1.375	36x13x1.000/1.125	33X 13X 1 . 000/ 1 . 3/ 5/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 3/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/	TO JE OF JOHN OF WITHOU
		7	=	2	~	~	~	2	2	2	~	~	~	2	~	•	2		N	2	~	~		v ~	2	m	M	~	-	~	mi	,	•		,

*******	IGE	THICK	.188		188	.313	.250	.313	.313	.313	.250	.250	.313	.313	.250	.313	.313	.313	.313	.438	.375	.313		275	313	.313	.313	.438	.375	.313	.43	.313	.375	175	474	638	.375	.438	.375	.438	.438	.375	
	2			2.00					2.00	2.00	3.00	4.00	4.00	3.00	4.00	4-00	4.00	2.00	3.00	3.00	3.00	3.00			3-00	** 00	2.00	3.00	3.00	4.00	3.00	2.00	00.4	20.00	200	00.4	5.00	2.00	6.00	6.00	0	6.00	
	MEB	THICK	.125	125	125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.108	.188	.188	.188	.250	.250	•250	.250	062.	250	.250	.250	.250	.250	.250	.250	.250	.250	•250	250	250	.250	.250	.250	.250	.250	.250	.250	
Seesses BEAN		DEPTH	3.19	61.2	1	4.31	5.25		5.31	m	.2	5.25		6.31	2	5.31	6.31	5.31	7.31	9.44	7.38	6.31	15.7		9.31	8.31	7.31	9.44	9.38	9.31	9.44		9.38	9.51	7.14			8.44	8.38	7.44	9.44	9.38	
****		AREA	.75		1.06	1.38	1.44	1.50	1.56	1.75	1.88	6	•	0		7		.5	9.			5.94	3.00		4 -	N	m		3.38	.5	.5	.5		200			7	7	4.25	-		4.50	
		4	3.0	200	3.8	3.8	4.6	8.2	4.6	5.3	2.5		3.5	5.1					2.1		2.6		2.5		7.1	6.2	5.3	2.9	7.0		6.9	2.9	2.9								6.2		
		4				6.		•		1.3			1.2	1.6	1.6	1.5	1.8			1.9	2.1	2.3	2.2	,,,		2.5	5.4	9.2		5.9	5.9	2.8	3.1				3.3	3.2	3.2	3.0	3.6		
		ď	6.	7.1	1	1.5	1.7	1.3	1.8	2.2	2.3	2.0	1.8	5.4	5.4	2.2	5.6	2.3	5.8	5.6	5.9	3.5	6.2		3.5	3.3	3.1	3.4	3.7	3.7	3.6	3.5	200	200		3 6	4.0	3.7	3.7	3.3	4.1	4.1	,
		H		2.9	11.3	13.4	18.6	10.0	21.2	31.3	34.4	6.72	6.02	39.3	9.04	32.3	46.7	37.2	57.8	2005	63.8	2.77		6.50	9.66	88.9	15.4	92.0	109.0	114.1	118.1	99.5	125.7	110.6	2001	136.3	140.7	120.5	121.7	101.8	3.	154.4	-
	MODRICS	ZFL	1.6	2.2	3.0	3.5	4.0	3.5	4.6	6.5	9.9	6.9	6.1	1.7	9.1	7.7	9.6	9.3	10.1	10.4	11.3	15.1	16.2	1 2 1	14.1	14.4	14.3	14.8	15.6	16.7	17.1		13.0	1	1	20.8	22.0	21.3	21.9	21.2	54.5	25.1	
	SECTION	ZPL	6.3	13.1	16.4	14.9	18.2	11.9	19.1	3	53.9	50.6	17.0	54.9	25.0	21.4	26.0	22.1					20.02	34.7			31.4	35.6	39.3		40.3	36.2	6.04	27.2	33.1	41.8	42.1	38.0	38.0	33.7	43.0	43.0	
		4		20		69.4	4.90	5.10	5.30	.9	m.	9	•	1.00	7.24	•		8.50	9.15	9.55	9.79	10.00	10.20		10.85	11.05	11.25	11.25	11.49	11.90	12.10	12.10	12.75	13.10	13.40		14.04	14.25	14.45	14.89	15.10	15.30	
		3E	-168T	1881	1881	.313T	.250T	.3131	.313T	.3131	.250T	.250T	.3131	.3131	.250T	.3131	.3131	.3131	.3131	.4381	.3751	.3131	1813	1757	31.31	.3131	.313T	.438T	.375T	.3131	.438T	.3131	.3751	175	4481	436T	.3751	.438T	.3751	.438T	.4367	.37 ST	
				1921													.188	.188/	1652.	.250/	1052.	1062.	1067	2501	.250/	.250/	.250/	.250/	1052.	-250/	.250/	.250/	1052.	2507	250/	.250/	.250/	1052.	1052.	.250/	1052.	.250/	
		HON	X	X7 X4	3 ×	2×	×2	×	2×			ž	ž	6x 3x	×	×	×	2	7X 3X	*	× ;		**	**									X4 X6									X9 X6	

SHEAR	AKEA	1.95	3.39	5.45	3.37	2.20	3.40	5.45	3.37	3.40	3.39	3.42	3.40	3.39	3.09	4.82	3.45	3.40	4.84	3.11	3.89	4.82	4.86	3.42	2000		11.0	4.86	3.42	69.4	4.82	4.86	4.04	4.89	4.86	4.04	6.53	0.55			6.59		6.55	
ANGE	INTER	.438	.430	.438	.375	.438	.500	.438	.375	.500	.430	.563	.500	.430	.500	694.	.563	.580	.531	. 563	.51	694.	.594	.563	.500	. 656	1460	.594	.563	•656	694.	.594	.531	•656	.594	.531	.531		.234	631	.656	.531	*65	
7	-	-		6.00		7.60	4.00	7.00	6.00	2.00	9-00	5.00	6.00	7.00	7.00	4.00	6.00	7.00		7.00	8-00	2.00	4-00		00-0			5.00	9.00	2.00	7.00	6.10	7.00	6-00	2.00	2	2.5	20.00		20.0	2.00	2.00	6.00	
WEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	. 513	.375	215	375	.313	.375	.375	.375	.375	.375	.375	.375	. 438	000	.375	424	438	436	.438	•
	DEPTH	7.44	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	15.47	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	12.66	3.50	12.59	10.56	12.66	12.47	12.59	12.53	9	12.59	12.53	14.53	14.59	12.59	14.63	14.66	16.53	14.59	
		4.81	4.88	•		90.5	5.13	5.31	5.38	9	5.75	5.94	6.13	6.19	6.31	6.38	6.50	6.63	6.63	6.75	6.81	6.84		7.06	7.13	-	2 1	7.67		7.78	7.78	9.00	8.22	44.0	9.66	8.75	8.78	50.6	9.25	0 0	9.41	9.6	69.6	
;		4.6	7.1		6.9			5.7	6.7	9.9	6.9	6.9	6.3	6.2	5.5	8.1	6.2	6.1	8.0	2.4	5.3	7.8	7.8		2.0	2	1.6	7.5	5.6	7.4	7.2	7.1	7.0	7:0	9.9	6.8		0.0	•		4	9.7	8.2	
;	4	3.2	3.8	3.8	3.8	3.7	3.9	4:1	4.1	4.3	4.3	4.4	4.5	4.6	*:	4.8	4.0	;	5.0	4.6	4.6	5.1	5.1	2.0	2.1	2.3	•			5.7		5.8	5.9	9.0	6.1	2.9	6.3		•	•		7.2		
•	*	3.4	4.3	4.2	£.4	3.6	*:	4.2	4.4	4.5		4.6	4.6	4.6	4.2	2.0	4.7	4.7	5.1	4.3	4.3	2.5	2.5	4.1		2.5	2 4	5.3	4.8	5.4	5.3	5.4	5.4	2.5	2.5	2.5	2.9	•		2.0		9.9	6.1	,
	INERTIA	110.6	176.9	168.4	182.2	143.8	189.4	182.2	198.4	210.6	214.5	224.0	230.0	231.0	199.9	281.2	244.6	247.6	297.4	213.1	213.4	309.1	313.3	263.1	1.692	328.2	227 6	365.1	200.5	362.5	358.1	374.3	380.4	393.1	401.0	403.2	470.8	493.5	4529	506.7	516.2	630.6		:
S		24.1	25.1	2.82	26.3	27.9	27.3	31.8	29.7	31.8	33.0	34.5	36.3	37.0	36.2	34.8	39.6	40.8	37.4	39.7	40.3	39.9	40.0	44.6	*2.	45.4	7.4.5	,66.1	1.64	49.2	49.8	52.4	54.3	26.0	28.6	29.1	:	20.0	9.0	60.0	: -	: ;		١
SECT ION	747	34.3	47.2	43.9	47.5	39.4	46.1	44.6	48.6	49.5	49.6	50.4	9.05	9.05	46.0	59.0	51.4	51.5	60.1	46.7	46.6	2.09	61.1	52.3	2.26	62.1	20.00	65.9	53.0	63.9	63.4	9.49	64.5	3	65.5	65.5	75.1	**		11.00	77.6		78.3	
							17.44	18.05	18.29	19.14	19.55	20.20	20.84	21.05	21.45	21.69	22.10	\$5.22	\$5.22	25.95	23.15	23.26	23.39	24.00	42.42	54.24	24.07	25.40	25.94	26.45	26.45	27.40	27.95	28.70	29.44	29.75	29.85	30.91	31.45	24.65	31.99	32.84	32.95	
:	37	.438T	.438T	.438T	.375T	.438T	.500T	.438T	.375T	.500T	.438T	. 563T	.500T	-438T	.500T	1694.	. 563T	.500T	.531T	.563T	.500T	1694.	1965.	.5631	.5001	1959	. 5031	1965	. 5631	.656T	1694.	1965.	.531T	.656T	. 5947	.5311	-5317	1466.	1965	1106.	1959	5311	1965	
	1 21									.313/	.313/	.313/	.313/	.313/	.313/	.375/	. 313/	.313/	.375/	.313/	.313/	.375/	.375/	.313/	. 313/	3	36	375/	31	.375/	.375/	.375/	.375/	.375/	.375/	.375/	-438/		.375/	1676	438/	1884	438/	
	•									10x 5x																*																	14X 6X	

0.3750 - 3/8 in.

	SHEAR	AREA	69.4	6.53		6.59					7.43	7.49				7.43	7.40	1.49	7.46	7.43	7.40	1.49	7.46	9.52	7.43	8.63	9.48	9.55	65.9	64.2	7.46	9.52	7.43	6.59	64.7										9	9.52	.5
*****					*65*	.656	.531	959.	*65*	.531	165.	.719	.531	*65*	.531	*65*	.531	.719	959.	*65*	.531	.719	9690	9699	*65*	.875	165.	.719	959.	.719	959.	•656	*65*	.656	.719	• 656	61.	.875	617.	• 656	*65*	.875	.719	.656	.875	.656	.719
IONS ***	FLA	HIOIM	8.00	7.00	-	6.00	6.00	5.00	7.60	00.0	6.00	2.00	7.00	8.00	9.00	2.00	8.00	6.00	7.00	8.00	9-00	2-00	8.00	2.00	9.00	5.00	9.00	2.00	10-00	00-9	9.00	6.00	10.00	11.00	9.00	10-00	00.	9	000	9-00	10.00	7-00	9.00	10-00	8-00	11.00	11.00
	WEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.433	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500	.438	.438	.438	.500	.438	.438	. 438	.438	006.	.500		.500	. 500	.500	.500	.500	.500	.500	.500
*** BEAM		4	12.66	4.5	16.59	14.66	16.53	16.66	5	5	2	16.72	5	14.59	14.53	5	16.53	16.72		16.59	16.53	16.72	9		in		.5	18.72	9	16.72	9	18.66	16.59	14.66	16.72	16.66	:	16.00	10.72	•	18.59	18.88	18.72	18.66		18.66	-
****		RE	6	9.6	6.6	10.0		10.2	10.2	10.3	10.5	10.5	10.	10.8	10.9	11.1	11.	11.3		11.7		12.	12.	12.	12.	12.3	12.5	12.5	12.6		12.9	12.9	12.9	13		13	14.	14.65	1	14.9	14.9	15.1	15.4	-	16.0	-	16.9
		YF	4.9	•	6	8.0	6	6	7.9			9.3	6				8.8	6.9	8.7		8.5			10.		9.0	10.	10.	•	•	•	10.	•	9.9	6.7	2.8		9.0			9.0	6	•				
		Y	9.9	6.9	7.4			7.6	7.1	7.1	7.8	7.8	7.8	7.4	7.4	8.1	8.1	8.2	8.3	8.4	8.4	9.6	8.6	8.6	8.7	8.2	8.8	8.8		8.9				4.6	9.5	9.5		2.6		6.6	10.0			10.2	10.4	10.5	10.8
		œ	5.5		6.7	6.1	6.7	6.8	6.1	6.1	6.8	6.8	6.8	6.2	6.2	6.9	6.9	6.9	6.9	6.9	6.9		7.0	7:4	7.0	6.8	7.4	7.4	6.3	7.0	7.0	7.5	7.0	6.3	1.1	1:1		9:	:	1.7	7.6	7.7	7.7	7.7	7.7	7.7	
		-	446.8		660.0		677.2		567.4	571.1	709.4	716.0	719.7	9.009	600.0	154.8	759.2	771.1	788.6	7.967	796.3	621.5	833.1	921.7		802.5	:	955.4	6.889	867.4	874.0	986.6	673.3	715.6	910.5	912.2	1001	1113.2	1145.	1154.8	1154.0	1182.8	1199.6	1202.9	247		53
	Ï		•	•	6.89	69.3	72.2	72.9	72.2	73.6	77.0	76.9	79.3	79.3	80.0	85.0	96.4	86.5	90.5	92.9	93.6	36.2	99.3	88.3	100.9	89.1		2	:	105.6	108.0			107.8	:	116.7		7.911	164.4	157.1	120.0	128.8	134.8	136.5	141.5	146.1	155.8
	SECT ION	ZPL		78.6	0	0	90.0	7.06	19.8	6.61	91.5	92.0	91.9	81.2	81.0	93.4	93.5	2.46	8.46	95.0	6.46	96.1	4.96	107.3	96.4	97.3	108.3	108.8	9.4.9	91.6	7.16		91.6	85.3	99.0	6.96	113.9	115.1	112.9	116.1	116.0	117.4	117.7	117.7	119.4	119.1	120.6
		HT/FT	33.15		33.90	34.20	34.65	34.95	34.95	35.29	35.90	36.01	36.45	36.99	37.09	37.94	38.25	38.45	39.41	39.95	40.05	06.04	41.65	41.75	41.96	45.09	42.70			43.35		44.00	44.00	45.36	45.80	16.10	200	40.47		20.69	50.80	51.44	52.60	95.90	24.40	55.15	64.15
		321	•	•	•		.5311	.656T	1465.	.531T	1465.	1617.	.5317	. 594T	.531T	1465 ·	.531T	.719T	.656T	1965.	.531F	1617.	.656T	.656T	1465.	.875T	1,65.	1617.	.656T	1617.	.656T	.656T	1965.	.656T	1617.	1959.	113	16/00	1617	.6561	1465.	1578.	.71	.65		.65	.71
		OMINAL SIZE		.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.500/	.438/	1005.	-500/	.500/	.438/	.438/	.438/	.500/	.438/	.438/	.438/	.438/	.200.	1000	10000	1005.	.5007	1005.	•		.500/	•	
		HON	12x 8x	16X 7X		14X 6X								14X 8X		16X 7X				7	16x 9x				16x 9x	16X 5X	18X 6X	18X 5X				18X 6X	16X10X		16x 9x	16×10×				18x 9x	-	18X 7X	18x 9x	18X18X	18X 8X	18X11X	18X11X

.375 IN. PLATE (AREA= 4.78 SQ.IN.)

SHEAR	AREA	9.55	9.63	13.91	13.63	13.91	13.83	13.91	14.07	13.91	17.38	13.91	17.38	13.91	17.55	17.38	17.55	17.38	17.38	17.55	21.19	21.38	21.19	21.38	21.38	25.16	27.79	27.57	27.67	27.79	34.88	34.76	37.51	34.76	37.76	24.12
LANGE	THICK	.719	.875	.875	.750	.875	.750	.875	1.125	.875	.875	.875	.875	.875	1.125	.875	1.125	.875	. 675	1.125	10125	1.125	.875	1.125	1-125	1.375	1.375	1.125	1.196	1.375	1.500	1.375	1.125	1.375	1.375	1 750
u	MIDTH	12.00	10.00	8.00	10.00	9.00	11.00	10-00	9.00	12-00	9.00	13.00	10-00	14.00	8.00	11-00	9.00	12-00	13.00	11.00		00.0	12.00	10.00	11-00	9.00	10-00	13.00		14.00	10-00	11-00	13.00	13.00	11-00	10.00
DIMENSIONS	THICK	.500	.500	.625	.625	•625	.625	.625	.625	•625	.688	.625	.688	.625	.688	.688	.688	.688	.666	. 688	250	750	.750	.750	.750	.875	.875	.675	240	875	1.000	1.000	1.000	1.000	1.000	
*** BEAN	DEPTH	18.72	18.88	21.88	21.75	21.88	21.75	21.88	22.13	21.88	24.88	21.88	24.88	21.88	25.13	24.88	25.13	24.88	24.88	25.13	27. 88	28.13	27.88	28.13	28.13	28.38	31.38	31.13	21.30	31.38	34.50	34.38	37.13	34.38	37.38	27.75
	AREA			20-13	20.63	21.00	21.38	21.88	23.25	23.63	24.38	24.50	52.25	25.38	1 25.50	26.13	26.63	27.00	27.88	28.88	20.62	30.38	30.75	31.50	32.63	36.00	00.04	99.05	12.00	45.50	48.00	48.13	50.63	50.88	51.13	62.50
	YF	8.1	8.2	10.4	10.1	10.0	9.6	9.7	9.5	9.1	11.5	8.9	11.2	8.6	11.3	10.9	10.9	10.6	10.3	10.2	12.0	12.4	12.1	12.1	11.7	12.2	13.2	12.7	12.	11.8	16.6	14.5	15.8	13.8	15.9	1 5
	4	11.0	11.1	11.9	15.1	12.2	12.4	12.6	13.0	13.1	13.7	13.4	14.1	13.6	14.2	14.4	14.6	14.7	14.9	15.3	15.7	16.1	16.2	16.4	16.8	16.6	18.6	100	100	19.9	20.3	20.3	21.7	21.0	21.9	30 6
	œ	7.7	7.8	9.6	8.6	8.6	8.6	8.7	1.0	8.7	9.6	8.7	9.6	8.7	1.6	9.6	4.4	2.6	4.6	2.6	10.0	10.6	10.6	10.6	10.7	10.5	11.6	11.5		11.6	12.5	12.4	13.4	12.5	13.4	12.5
		1342.2	1360.0	1839.9	1878.8	1923.3	1947.9	2001.9	2136.6	2142.1	2667.2	2506.7	2771.3	5566.9	2823.9	2869.4	2950.3	2963.1	3051.3	3175.3	3660 4	3961.4	3982.3	4114.4	4258.7	4526.9	0.0009	6009.5	4.082. F	6766.3	8185.6	8182.8	9895.4	8680.3	10069.3	10631 7
MODOLUS	ZFL	166.2	166.5	177.6	186.9	191.9	199.4	206.3	226.0	234.5	231.6	248.7	247.5	262.6	4.642	263.4	569.9	518.5	295.4	309.9	4.14.	318.5	329.1	340.7	363.0	371.8	0.664	2.874	502.7	572.7	560.3	565.3	626.2	629.4	634.2	FRE. 3
SECT ION	2PL	121.8	122.6	154.7	155.6	157.2	157.7	159.5	163.7	163.3	194.2	164.9	197.1	166.4	199.1	199.8	202.5	202.2	204.4	2.08.1	542.5	246.6	246.5	250.4	553.3	273.1	323.1	324.4	327.9	339.3	403.9	403.5	455.9	414.1	460.3	474.2
	WT/FT	\$6.65	60.35	68.44	70.14	71.40	72.69	74.39	50.62	80.34	82.89	83.30	85.85	86.29	96.70	88.84	90.54	91.80	94.79	98-19	401.50	103.29	104.55	107-10	110.94	122.40	136.00	150.99	142.80	154.70	163.20	163.64	172.14	172.99	173.84	181.90
	NOMINAL SIZE	.500/	1005.	.625/	.625/			.629/	.625/1	.625/	.688/	.625/	1889.		. 6887			.688/			750/ 1025							1621117678			-	33X11X1.000/1.375F	36×13×1.000/1.125T	33X13X1.000/1.375T	36×11×1.000/1.375T	36X10X1.000/1.750T
	ON	19X12X	18×10×	21X 8X	21×10×	21X 9X	21X11X		21x 9x	21X12X	24x 9x	21X13X	24×10×	21X14X	24X 8X	24X11X	24x 9x	24×12×	24×13×	24X11X	274114	27× 9×	27X12X	27×10×	27X11X	27x 9x	30X10X	201137	30×46×	30×14×	33×10)	33×11)	36×13)	33X13)	36×11)	36X103

		SECTION	MODULUS							MEB	FLA	NGE	SHEAR
NAL SIZE	HT/F		ZFL	INERTIA	~	YP	4F	AREA	-	THICK	H	THICK	AREA
.125/ .18	11 2.	10	1.6	5.5	8.	.5	3.1	.75	3.19	.125	2.00	.188	.45
	11 2.	6	2.3		1.1	9.	4.0	.88	7	.125	0	.188	.58
	11		2.2	6.9	1.0	9.	3.1	16.	3.19	.125	0	.188	.45
	3.	17	3.0		1.3		3.9	1.06	4.19	.125	0	.188	.58
	37 4.6	9 18	3.6	;	1.3		4.0	1.38	4.31	.188	0	.313	. 89
	.4 10	22 0	4.1		1.6	6.	4.8	1.44	5.25	.188	0	.250	1.07
	31 5.	14.7	3.6	10.8	1.2		3.0	1.50	3.31	.188	3.00	.313	.70
	31	0 23.9	4.7	2.	1.7	6.	4.8	1.56	5.31	.188	0	.313	1.06
	131 5.9	5 29.5	6.0	33.6	2.0	1.1	9.6	1.75	6.31	.188	0	.313	1.27
	07 6.	30.3	6.8	37.0		1.2	5.5	1.88	6.25	.188	3.00	.250	1.26
	01 6.	1 26.1	9.9	30.1	1.9	1.2	4.5	1.34	5.25	.188	0	.250	1.07
	31 6.	0 21.5	6.2	22.8	1.6	1.1	3.7	2.00	4.31	.188	4.00	.313	.89
.188/ .31	37 7.	31.7	7.8	2	2.2	1.3	5.4	-	6.31	.188		.313	1.27
	7 70	4 32.0	8.3	;	2.3	1.4	5.3	7	6.25	.188		.250	1.26
.188/ .31	31 7.	5 27.4	7.9	5	2.0	1.3	4.5	2.19	5.31	.188	0	.313	1.08
	37 8.0	33.4	7.6		2.4	1.5	5.2			.188	0	.313	1.27
•	37 8.5		9.6		2.1	1.4	4.3	.5	5.31	.188	0	.313	1.08
13	31 9.	15	10.4	3.	2.6	1.7	6.1	9	7.31	.250	0	.313	1.94
•	9.5	5	10.6	2		1.6	5.5	2.81	6.44	.250	0	.438	1.72
•	7.6 15		11.6		2.7	1.8	6.0		7.38	.250	0	.375	1.95
2507 .31	3T 10.0		12.4	94.2	3.0	1.9		6	8.31	.250		.313	2.19
•	37 10	39.2	12.5	3.	2.8	1.9	5.9	3.00		.250		.313	6
•	8T 10		12.8	76.3	2.8	1.9		3.06	7.44	.250		.438	1.97
•	57 1		13.8	95.8	3.1	2.1	6.7	3.13	8.38	.250	3.00	.375	2.20
	31 10.8		14.5		3.4	2.2	7.5	3.19	9.31	.250	3.00	.313	5.44
	3T 11.0	3	14.8	1.	3.2	2.2	9.9	3.25	8.31	.250		.313	2.19
•	11.2	5 40.5	14.6		5.9	2.1	2.1	3.31	7.31	.250	0	.313	1.94
•	8T 11.2	3	15.1	-	3.2	2.2	6.7	3.31	8.44	.250	3.00	.438	2.22
•	57 11.4	5.05 6	16.0		3.5	5.4	7.5	3.38	9.38	.250	0	.375	2.45
2507 .31	37 1	0 51.2	17.2		3.5	5.4	7.3	3.50	9.31	.250	0	.313	2.44
	12.1	2	17.6		3.6	5.5	7.4	3.56	9.44	.250	0	.438	*
•	3T 12.1	3	17.2	109.6	3.3	5.4	4.9	3.56	6.31	.250	0	.313	2.19
250/ .37	5T 12.7	S	6		3.7	5.6	7.2	3.75		.250	0	.375	5.45
•	31 12.9	5 52.8	19.9	140.9	3.7	2.7	7.1	3.81	9.31	.250	2.00	.313	2.44
2507 .37	13.	48.	6	152.7	3.4	5.6	6.3	3.88	8.38	.250	0	.375	2.20
•	13.	3	18.8	05.	3.1	5.4	5.5	3.94		.250	0	. 438	1.97
2507 .43	13.6	5	:	5	3.8	2.8	7:1	-	9.44	.250	0	.438	2.47
•	14.0	S	5		3.8	5.9	6.9	4.13		.250	0	.375	*
•	14.2	3	:	34.	3.5	2.7	6.1	4.19		.250	0	.438	2.22
•	14.4	2.64 5	22.5	.9	3.6	2.8	6.1	4.25		.250	0	.375	
•	14.8	3	:	114.4	3.2	5.6	5.3	4.38	7.44	.250	0	.438	
	8T 15.1	L.	25.5		4.0	3.1	6.9	3	9.44	.250	2.00	.438	3
•	15.	5	25.7	2	4.0	3.1	6.7	4.50	9.38	.250	0	.375	
313/ .37	57 15.	0.65 4	23.6	182.2	4.0	3.1		4.63	10.38	.313	0	.375	3.39
-													

.438 IN. PLATE (AREA = 6.51 SQ.IN.)

	~	~	1		2	6	2	2	1	6	2		*	2		-	*	3	2	•	m .		* 0	. 4	. ~	-	2		6			6	9	-	6	9	9		6	9	9	-	2	
	SHEAR	ARE	1.9	3.40	2.4	3.39	2.22	3.4	2.47	3.39	3.42	3.40	3.44	3.42	3.40	3.11	4.84	3.44	3.42	4.80	3.13	3.11	***		3.4	4.9	3.13	4.8	4.0	3.44	4.84	4.89	4.86	4.91	4.89	4.86	9.29	6.58	69.4	4.86	95.9	6.61	*	
*******	NGE	THICK	.438	.438	.438	.375	.438	.500	.438	.375	.500	.438	.563	.500	.438	.500	694.	.563	.500	.531	.563		104	563	.500	.656	.563	694.	.594	.563	644	.594	.531	959.	.594	.531	.531	*65.	165.	.531	.531	• 656	.531	
	٩	HIDIM	7.00	4.00	6.00	5.00	7.00	00-4	7.00	6.00	2.00	6.00	0	6.00	2.00	7.00	4.00	6-00	7-00	00 - 4	2.00	9.0	2000	7.00	8.00	4.00	8.00	6.00	2.00	8	7.00	6.00	7.00	6.00	7.00	8- 00	2.00	2.00	8.00	0	6.00	5.00	5.00	
DIMENSIONS	MEB	THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.513	275	212	.313	.375	.313	.375	.375	.313	375	375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.438	.438	
*** BEAY		DEPTH	7.44	10.44	9.44	10.38	9.44	10.50	44.6	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	14.21	10.56	10.50	12.66	9.56	15.47	12.59	10.56	12.67	12.59	12.53	12.66	12.59	12.53	2	2	5	5	2	9	16.53	
*******		AREA	4.81	4.88	4.88	5.00	90.6	•	•	5.38		5.75			6.19	6.31	6.38	6.50	6.63	6.63	6.75	6.81	***	•	7.13	7.13	7.31	7.31	7.47	7.63	7.78	8.06	8.22	9.44	8.66	8.75	-				۳.	9.41		
		YF	5.1	7.6	6.5	7.5	2.5		6.3	7.3	7.2	7.1	7.1	6.9	6.9	6.1	8.7	6.8	6.7	9.0	9.0	2.0				9.6	2.7	8.1	8.1	9.9	6.2	7.8	7.7	7.7	4.5	7.4	9.3	9.5	7.3	7.2	9.0		10.5	
		Y	2.8	3.3	3.3	3.3	3.2		3.6	3.6	3.7	3.8	3.9	4.0	4.0	3.8	4.2	4.2	4.3	*				4.5	4.5	4.7	4.3	4.8	6.4		5.0	5.5	5.3	5.4	5.5	5.5	9.6	5.8	9.9	5.8	5.9	0.9	6.5	
		~	3.3	4.2	4.1	4.2	3.0	4.3	4.2	4.3	4.4	4.4	4.5	4.5	4.5	4.2	6.4	4.6	9.4	2.0		*	1.6	4.7	4.7	5.5	4.3	2.5	5.3	# U	5.3	5.4	5.4	5.5		5.5	6.6	9.0	9.6		9.0	6.1	9.9	
		INFRTIA	125.2	-	-	203.0	162.7	211.4	206.0	222.2	236.5	241.3	252.5	259.9	261.3	227.3	314.3	277.5	281.3		243.5		347.0	300-2	301.6		260.7		389.5	521.9	40504	454.6	432.2	447.2	457.0	6.654	9.625	26.		96.	572.0	582.9	6.802	
	MODOLUS	ZFL	24.7	25.8	28.9	27.1	28.6	28.1	32.6	30.6	32.8	34.0	35.6	37.4	38.1	37.3	36.1	40.8	42.1	38.8	6.0	41.5	2.14	: 5	46.8	43.9	45.5	46.4	47.8	51.3	51.5	54.5	56.2	58.1	2.09	61.8	2.95	0	67.1	9.19	63.3	64.1	9.19	
	SECTION	ZPL	9.44	4.09	56.8	6.09	51.2	61.8	57.8	62.4	63.6	63.8	*	65.0	10	59.3	74.8	66.1	66.2	76.2	60.3	1.00	11.5	67.3	67.2	78.8	61.1	6.92	19.8	68.2	80.5	:	81.9	85.9	83.2	83.2	94.1	1.56	84.5	84.3	96.4	97.2	109.3	
			3	5	5	17.00	~	3		2	-		~			3	9	-			9	-			24.24			-	-	26.94	1	3	6										32.84	
			.438T	43	.438T	37	43	50	.438T	37	50	2	56	50	.438T	.500T	1694.	.5631	. 50 OT	.5311	26	1004	9 0	5 2	.500T	65	9	1694.	1465.	. 5631 6561	1694	59	.531F	.656T	1465 ·	.531T	.531T	. 594T	1465°	.531T	.531T	.656T	.531T	
				.313/	.250/	.313/	.250/	.313/	.250/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.3757	.313/	.313/	.375/	.313/	.313/	1676.	313/	.313/	.375/	.313/	.375/	.375/	313/	375/	.375/	.375/	.375/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	.438/	
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0.4375 - 7/16 in.

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.44 IN. PLATE (AREA = 6.51 SQ.IN.)

	HEAR	AREA	9.58	99.6	3.95	3.87	3.95	3.87	3.95	4.10	3.95	7.42	3.95	7.42	3.95	1.59	7.42	7.59	7.42	7.42	1.59	1.43	1.24	1.43	1.24	1.43	21.43	2.52	7.84	7.62	27.84	7.62	7.84	34.94	34.82	7.57	34.82	37.82	8.19	4.82
	SE S																																					1.375 3		
ONS	4																																					11.00		
DIMENSIONS	ME8	THICK	.500	.500	• 625	.625	.625	.625	.625	.625	.625	.688	•625	.688	.625	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.875	.875	.675	.875	.875	.875	1.000	1.000	1.000	1.000	1.000	1.000	1.000
*** BEAM		DEPTH	18.72	16.88	21.88	21.75	21.88	21.75	21.88	22.13	21.88	24.88	21.88	26.88	21.88	25.13	24.88	25.13	24.88	24.88	25.13	28.13	27.88	28.13	27.88	26.13	28.13	28.38	31.38	31.13	31.38	31.13	31.38	34.50	34.38	37.13	34.38	37.38	37.75	34.38
****																											32.63											51.13		25.00
		4.6	6.9	9.0	11.1	10.8	10.8	10.5	10.5	10.2	6.6	12.3	9.6	12.0	9.4	12.1	11.6	11.7	11.4	11:1	11.0	13.6	13.1	13.2	12.8	12.8	12.5	12.8	13.9	13.4	13.5	13.1	12.5	15.2	15.1	16.5	14.4	16.5	16.2	13.5
		Y P	10.3	10.4	11.2	11.4	11.5	11.7	11.9	12.4	12.4	13.0	12.7	13.4	13.0	13.5	13.7	13.9	14.0	14.2	14.6	15.0	15.2	15.4	15.5	15.7	16.1	16.0	17.9	18.2	18.3	18.5	19.3	19.7	19.7	21.1	20.4	21.3	22.0	21.3
		œ	8.0	8.0	9.8	9.6	6.0	8.9	8.9	9.0	9.0	9.8	9.0	6.6	9.0	6.6	6.6	10.0	6.6	10.0	10.0	10.8	10.8	10.9	10.9	10.9	11.0	10.8	11.9	11.9	11.9	11.9	11.9	15.8	12.7	13.7	12.8	13.7	13.9	12.8
		INERTIA	1534.3	1554.7	2065.7	2111.7	2162.7	2192.3	2254.6	2410.7	2419.3	2971.7	2495.6	3090.6	2567.0	3149.2	3203.4	3294.6	3311.4	3413.3	3554.3	4197.5	4270.0	4385.5	4408.2	4555.6	4719.2	4978.4	6568.9	6671.4	6800.6	6853.4	1425.4	8867.5	8865.8	10679.1	9411.3	10955.8	11538.9	10138.5
	MODOLUS	ZFL	173.2	173.7	185.6	195.2	2002	208.2	215.5	236.2	244.8	242.0	259.5	258.5	274.1	260.6	275.0	281.9	291.7	308.2	323.5	309.0	324.8	332.3	343.1	355.4	378.5	387.5	473.5	497.3	503.9	9.226	2.565	531.5	586.6	0.649	652.6	657.3	711.2	751.2
	SEC		149.0	=		185.7		188.1	190.2	195.1	194.6	228.0	196.5	231.3	198.2	233.6	234.4	237.4	237.1	239.6	243.8	280.2	281.5	285.0	285.0	289.3	293.1	311.7	366.1	367.5	371.2	371.4	383.9	4.054	450.0	505.8	461.4	510.5	525.4	475.5
		-	16.65	0	68.44	. 70.14			74.39	79.05	80.34	82.89	63.30	85.85	86.29	86.70	68.34	90.54	91.80	94.79	98.19	99.45	101.59	103.29	104.55	107.10	110.94	122.40	136.00	138.99	140.69	145.80	154.70	163.20	163.64	172.14	172.99	173.84	181.30	187.00
		NOMINAL SIZE				.625/	.625/	.625/ .7507	.625/ .875T	.625/1					.625/ .875T		.688/ .875T			1578. 1889.				.750/1.1257	.7507 .875T	.750/1.125T			.875/1.3751	.875/1.125T	.875/1.3757	.875/1.1257	.875/1.375T	33X10X1.000/1.500T	33X11X1.000/1.375T	36x13x1.000/1.125T	33X13X1.000/1.375T	36x11x1.000/1.375T	36x10x1.000/1.750T	1.000/1.3757
		NON	18X12X	18×10×	21x 8x	21X10X	21X 9X	21X11X	21X10X	21x 9x		24x 9X	21X13X	24×10×	21X14X	24X 8X	24X11X	24x 9x	24X12X	24×13×	24X11X	27X 8X	27X11X	27x 9x	27X12X	27×10×	27X11X	27x 9x	30×10×	30×13×	30×11×	30×14×	30×14×	33×10×	33X11X	36×13×	33X13X	36×11×	36×10×	33×16×

0.4375 - 7/16 in.

									******	*** BEAM	DIMENSIONS		*****
			SECTION	2							MEB	FLANGE	MGE
H	12E		ZPL	32	INERTIA	~	4		AREA	_	THICK	WIDTH	THICK
2X . 125/			12.0		5.5			3.2	.75	3.19	.125	2.00	.188
		5.99	17.8	2	4.6	1:0	.5		. 88	4.19	.125	2.00	.186
		3.20	14.0	2.3	7.3	6.		3.5	.34	3.19	.125	3.00	.188
		3.60	20.3	3.5	15.6	1:1	9.	4:1	1.06	4.19	.125	3.00	.188
		4.69	21.6	3.7	15.2	1.2		4:1	1.38	4.31	.188	2.00	.313
		1.90	26.8	4.2	50.9	1.4	••	2.0	1.44	5.25	.188	2.00	.250
3x .188/		5.10	17.2	3.7	11.5	1:1		3.1	1.50	3.31	.188	3.00	.313
		5.30	28.4	4.8	23.9	1.5	•	5.0	1.56	5.31	.166	2-00	.313
1887		5.95	35.5	6.1	35.4	1.9	1.0	5.8	1.75	6.31	.188	2.00	.313
		6.39	36.8	6.9	39.5	1.9	1:1	5.7	1.88	6.29	.108	3.00	.250
4x .188/		6.60	31.7	9.9	32.0	1.8	1.0	4.7	1.94	5.25	.188	00-4	.250
	17 .3131	6.80	26.0	6.3	54.4	1.5	6.	3.9	2.00	4.31	.188	4.00	.313
3x .188/		7.00	38.7	8.0	45.0	2.1	1.2	5.6	5.06	6.31	.188	3.00	.313
4X .168/	17 .2507	7.24	39.1	8.4	1.94	2.1	1.2	5.6	2.13	6.25	.188	4.00	.250
4X .188/		7.45	33.5	8.0	37.6	1.9	1,1		2.19	5.31	.188	4.00	.313
4X -188/		8.09	41.0	6.6	54.3	2.2	1.3	5.5	m	6.31	.188	4.00	.313
5x -188/	4	8.50	35.0	9.6	43.8	2.0	1.3		2.50	5.31	.186	2.00	.313
3x .250/	17 .3131	9.15	46.0	10.6	67.2	5.5	1.5		5.69	7.31	.250	3.00	.313
3x .250/		9.55	41.7	10.8	9.69	2.3	1.4	5.5	2.81	6.44	.250	3.00	.438
•		9.79	47.7	11.8	74.6	5.6	1.6	6.3	2.88	7.38	.250	3.00	.375
•		10.00	53.4	12.6	6.68	2.8	1.1	7.1	76.2	8.31	. 250	3.00	.313
		10.20	49.4	12.7	78.7	5.6	1.6	6.2	3.00	7.31	.250	4.00	.313
•	•	10.40	2.64	13.0	81.8		1.7	6.3	3.06	7.44	.250	3.00	. 438
		10.64	22.5	14.0	30.66	5.9	1.8	7.1	3.13	8.38	.250	3.00	.375
•		10.85	2.09	14.8	116.6		1.9		3.19	9.31	.250	3.00	.313
4x .250/		11.05	26.0	15.1	104.6	3.0	1.9		3.25	8.31	.250	4.06	.313
•	•	11.25	50.3	14.9	2.69		1.8		3.31	7.31	.250	2.00	.313
•	•	11.25	26.8	15.4	108.5		1.9	2.0	3.31	9.44	.250	3.00	.438
3x .250/	•	11.49	62.7	16.4	128.2	3.3	2.0		3.38	9.38	.250	3.00	.375
•	•	11.90	63.5	17.5	134.6	3.3	2.1		3.50	9.31	.250	4-00	.313
•	•	12.10	94.49	18.0	139.6	3.4	2.2	2.8	3.56	9.66	.250	3.00	.438
•		12.10	58.0	17.5	•	3.1	2.0		3.56	8.31	.250	2.00	.313
4x .250/		12.75	9.59	19.7	149.6	3.5	2.3	9.2	3.75	9.38	.250	4.00	.375
•		12.95	99.69	20.3	152.1	3.5	2.3	5.2		9.31	.250	2.00	.313
•	•	13.19	29.9	20.0	132.9		2.2	2.9	3.88	8.38	.250	2.00	.375
•	•	13.40	53.5	19.5	112.0		2.1			1.44	.250	2.00	. 4 38
•		13.60	67.3	21.8	163.4		5.4	5.2	4.00	9.44	.250	4.00	.438
5x °2501	•	14.04	67.8	23.0	169.4	3.7	5.5	4.4	4.13	9.38	.250	2.00	.375
•		14.25	61.5	22.3	146.2	3.4	2.4	9.9	4.19	8.44	.250	2.00	.436
•	•	14.45	61.5	55.9	148.1	3.4	2.4	6.5	4.25	8.38	.250	6.00	.375
•	•	14.89	24.8	22.1	125.2	3.1	2.3	2.5	4.38	7.44	.250	6.00	.438
•	•	15.10	69.5	25.7	166.3	3.6	2.7	7.3		9.44	.250	2-00	.438
	.37	15.30	69.5	26.2	188.0		2.7	7.2	4.50		.250	6.00	.375
4x .313/	17 . 17 CT	15.74	77.7	24.	101								-
•	•		200	7.07	131.0		100	7 - 4		10.38	-313	2001	.375

SHEAR	56	5	24	64	41	72	*	64	11	11	12		9 1		2	13	90	94.	:	69	15	13	4.86	91	94.	*	*	12	4.80	4.91	3.40	*	900	16.	700		100	2 8	6.61		89	28	99.9	94.	61	::
SHE	έ.	:		2	s.	2.	3.	2.	3.	-				; .		;	;	*	ř	*	3.1	÷	;	;	'n		6.9	3.1	•	•	÷ .			•						3		9	9	7.	•	;
NGE			. 430	.438	.375	.430	.500	.438	.375	5.00	43.		200			. 200	694.	. 563	.580	.531	.563	.5	. 469	.594	.563	.51	• 656	. 563	694.	.594	.563	. 626			166.	200	. 5.3.	531	204	294	. 531	531	656	.531	.594	
7:		200	4-00	00 - 9	9.00	7.00	4.00	7.00	9.00	8-00	90.00		2000		00-/	200	4.00	6-90	2.00	<b>*</b> . 0 .	7.00	9.00	2.00	4-00	7.00	8-00	4-00	9-00	9.00	2.00		2000	2000			•			2,00	8.00	9-00	60 -9		5.00	6.00	
THICK LID	201	052.	.313	.250	.313	.250	.313	.250	.313	313	212		0110	210	.313	. 313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375	.313	.375	.375	.313	.375	.375		275	275	275	44	638	375	375	438	M	438	.438	
DEPTH	חביים	***	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50		200	10.20	10.50		9.50	15.47	10.56	10.50	12.53		9.50	15.47	15.59	10.56	10.50	12.66	•		12.59	10.56	12.66	12.47	12.59	12.55	12.60	12.53	14.53	14.59	12.59	12.53	14.53		2	14.59	
AOFA	-	100	4.88	4.88	2.00	2.06	5.13	5.31	5.38	5.63	5.75	100	2.3	0.13	6:13	6.31	6.38	6.50	6.63	6.63	6.75	6.81	6.84	6.83	7.06	7.13	7.13	7.31	7.31	7.47	7.63	2:	2.5	9.0	33.0		75	8.78	0.0	9.25	9.28	9.31	9.61	9.66	9	2
	-	2.5	9.1	2.0	9.0	6.2	9.0	8.9			7.6			3		9.9	9.3	7.3	7.2	9.5	6.5	4.9	9.0	9.1	•	7.0		6.3					6.5	*				10.0	0		7.8			11.2	9.6	•
9		5.5	2.8	5.9	5.9	2.8	3.0	3.1	3.1	2.3			*		2.5	7.4	3.7	3.7	3.8	3.9	3.6	3.6		4:0	4.0	4:0	4.2		7.5	F. 4	2.4			•		•			2.5	2.5	2.5	2	2	5.8	5.5	
۰	2	3.2	4.0	3.9	4.0	3.6	4.1		4.2				•	:	:	4:1	4.0	4.5	4.5	6.4	4.2	4.2	2.0	2.0	4.6	4.6	5.1	4.3	5.1	2.5	1.0	5.3	2.5	200	200		, u			2.5	2.5			9.9		
THEBTTA		137.8	213.9	207-1	221.0	179.0		226.7	262.9	260.2	256.8		9000	5000	288.0	251.6	343.6	306.7	311.4	365.0	270.7		380.9	386.1	333.6	335.4	406.1	291.3	415.5	429.6		453.5	6.844	**0/5		90.0	20000	20776	616.1	544.1	544.0					•
S		29.5	56.4	29.5	27.7	29.1	28.8	33.2	31.3	3.55	46.00		20.4	2000	39.0	38.1	37.1	4.1.7	43.0	39.8	41.8	45.4	45.4	45.6	47.0	47.9	45.1	46.6	47.7	49.1	55.5	\$25.4	52.9	25.1	1000	23.7	2.20		62.3	9	5.69	65.3	66.1	6.69	0	1
SECTION							76.9				, u			7.1	81.1	•	95.5	95.6	82.7	94.3	75.5	75.3	95.4	96.0	84.1	0.40	97.5	16.5	97.8	6.86	85.4	100.5	99.8	101.5	101.0	102.0	103.5	115.6	117.5	104.8	104.7	118.4	110.3	M	120.4	
13/10	_	m	5	5	17.00	N	3				10.55		02.02	\$9.07	21.05	51.45	ø	-		22.54	56.22	23.15	23.26	23.39	24.00	24.24	24.24	24.85	54.85	25.40	25.94	54.42	54.92	04.77	26.12	2000	20.75	29.85	30.01	31.45	31.55	31.65	31.99	32.86	32.95	
75	77	.438T	.438T	.438T	.375T	.438T	-500T	.638T	.375T	SOUT	1884	1071	1505	1000	.4381	.500T	.469T	. 563T	.500T	.531T	. 563T	.500T	1694·	. 594T	. 563T	.500T	.656T	.563T	1694	1965.	. 563T	1959.	1694	1966	1186.	1000	. 5245	5345	5947	1765 T	5311	5311	1656T	5311	1965 ·	-
MAI ST75	7		.313/	1052.			.313/				*	;	100		3		21						.375/	.375/	.313/				.375/				.375/	16/50								438/				1201
MONTAGE	1	×			2X									4	×	×	×	×9	×	×				Te								XC	2	Š		4 2		2	2 ×	×	×	-		-	Y9	40
	-	×	X O	×6	10X	×	10X	X	1 0X	1 8 %		3	× 2	101		8	12X	×	1 0X	12X	š	š	12X	12X	10×	10X	X	8	15X	12X	č	X 2 1	X 2	77	2	36	36	3	1	2	×	*		×		X7I

0.5000 - 1/2 in.

	SHEAR	AREA	46.4	6.58	7.49	9.9	7.46	7.52	6.61	6.58	7.49	7.54	7.46	6.61	6.58	7.49	7.46	7.54	7.52	7.49	7.46	1.54	7.52	9.58	7.49	8.69	9.55	9.61	6.64	7.54	7.52	9.58	64.2	9.0	7 53	9.61	69.6	9.61	9.58	9.55	69.6	9.61		69.6	9.58	9.61
	NGE	THICK	9690	.531	.594	.656	.531	.656	.594	.531	165.	.719	.531	\$65.	.531	.594	.531	.719	.656	.594	.531	.719	.656	.656	.594	.875	.594	.719	9690	.719	•656	.656	.594	• 656	6179	710	.075	.719	969.	.594	.875	.719	9690	.875	969.	.719
:	•	5	8.00	7.00	2.00	6.00	6.00	5.00	7.00	8.00	6.00		7.00	8.00	9.00	7.00	8-00	6.00	7.00	8.00	9.00	2.00	8-00	2.00	9.00	2.00	6.00	2.00	10.00	8.00	9.00	9.90	10-00	11-00		2000	9-9	00-0	9.00	10-00	7.00	9.00	10-00	00.0		11.00
	MEB	THICK	.375	864.	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.500	.500	.438	.438	.438	. 500	.438	.438	9 4 4	200	.500	50	.500	.500	.500	.500	20	.500	.500	0
*** BEAN		-	9	14.53	5	14.66	16.53	9	14.59	5	5	-	5	14.59	5	5	16.53	16.72	16.66	16.59	16.53	16.72	16.66	18.66	2		18.59	18.72	14.66	16.72	16.66	18.66	16.59	14.66	10.12	18.72	18.66	-		18.59	18.88	-	•		18.66	18.72
******		AREA	9.75	9.84	9.97	10.06	10.19	10.28	10.28	10.38	10.56	5	-	10.88	0	-	11.25	11.31	11.59	11.75	11.78	12.03	12.25	12.28	12.34	12.38	15.56	12.59	15.69	12.75	15.91	12.94	12.94	13.34	13.4	14.03	14.25	14.75	16.91	14.94	15.13	15.47			16.22	16.91
		7	7.7	9.4	11.1	9.4	10.9	10.9	9.3	9.2	10.7	10.8	10.6	9.6	8.9	10.4	10.3	10.4	10.2	10.1	10.0	10.1	6.6	12.0	9.8	10.5	11.7	11.9	8.3	9.8	9.6	11.6	9.6				11.2	10.8	10.7	10.6	10.0	10.5	10.4	10.4	10.1	6.6
		Y P	5.4	5.6	6.0	5.7	6.2	6.2	5.8	5.9	9.9	4.9	6.5	6.1	6.1	2.9	2.9	8.9	6.9	7.0	7.0	7.1	7.2	7.2		6.9					7.5	2.5	1.5	:			8.2	8.4	8.5	8.5	9.8	8.7	8.8	9.0	9.0	9.3
		œ	9.6	6.1	2.9	6.1	2.9	8.9	2.9	6.2	6.8	8.9			6.3	7.0	7.0	7.0	7.0	7.1	7:1	7.1	7.1	7:4	7.1	6.9	1.5	1.5	6.5	7.2	7.2	9.	7.2	6.5		2.8	7.8	2.9	7.9	7.9	8.0	0.0	8.0	8.1	9.0	9.1
		-		678.5	820.4	6.007	843.8	858.4	716.3	721.8			901.8	762.9	762.8	1.646	956.2	971.3	2.966	000	10001	1041.9	1058.9	1144.9	1063.8	1008.1	1180.5	1189.3	891.0	1107.2	1117.3	1231.5	1117.0	930.6	110304	1367.8	1401.7	1448.1	1461.6	1461.1	1497.9	1523.2	1528.6	1588.0	1593.4	1663.0
	MODOL US	ZFL	2.47	72.1	74.2	74.4	77.6	78.5	77.4	78.8	85.8	82.8	95.3	85.0	85.6	91.3	95.8	93.0	37.2	1.66	100.4	103.3	106.6	2	108.2	96.3	100.5	100.3	107.4	113.5	115.9	106.0	116.8	115.4	125.0	123.0	125.6	134.3	137.1	138.0	139.2	145.4	147.2	152.8	157.5	168.0
	SECTION	ZPL	106.3	120.8	135.9	122.2	137.0	138.0	122.8	122.9	139.2	139.9	139.8	124.8	124.7	142.0	142.2	143.2	144.1	144.4	144.3	146.0	146.5	159.3	146.5	145.9	160.8	161.5	159.9	148.4	148.5	163.2	148.4	131.2	1001	168.8	170.4	171.7	172.0	171.8	173.8	174.2	174.2	176.7	176.2	178.4
		L	7	33.46	6	2	34.65	6	34.95	35.29	35.90		36.45		37.09	37.94	38.25	38.45	39.41	39.95			41.65		41.96	-			•				00.44	45.36	47.00	17.70	48.45	50.15	50.69	50.80	51.44	52.60	52.90	54.40	55.15	81.49
		SIZE	.656T	.5311	1965.	. 656T	.531T	.656T	1965.	.531F	1465.	1917.	.531T	1965 ·	.531F	1465.	.531T	-719T	.656T	1965.	.5311	.719T	.656T	.656T	1965.	.875T	1465.	.719T	.656T	.7191	.656T	.6561	1465.	1969	4565	7197	1878.	.719T	1959.	1465.	.875T	.7197	.656T	1578.	.656T	.7191
		S		. 438/	.438/	.438/	.438/	.438/	1984	438/	.438/	438/	.438/	438/	.438/	-438/						.438/	.438/	-500/	.438/	1005.	2005	.5007	438/	1984	438/	.5007	1994	1994	1 38	2007	2007	.5007	S	1005.	.500/	.5007	.5007	.5007	2005	1005.
		NON	8 X	×	2X	<b>8</b> ×9	<b>8</b>	2×	14X 7X	14X 8X			7X		14x 9x	X		¥9	1×	×	8 8	×	× 60	2×	×6	2×	¥9	2	-	×		8x 6x		14X11X		18X 7X		×	X6	X01	18X 7X		1 0×	8X 8X	8X11X	

-SOU IN. PLATE (AREA = 8.50 SQ.IN.)

	13 21.08 13 21.08 13 21.75 10 21.08 21.75 10 21.08	AKEA 6 17.63 7 17.75 9 20.13 6 20.63 6 21.00 3 21.38	9.6 17.63 9.7 17.75 11.9 20.13 11.6 20.63	9.6 17.63 9.7 17.75 11.9 20.13	6 17.63 7 17.75 9 20.13 6 20.63	3 8-1 9-6 9-6 17-63	1726-3 8-1 9-6 9-6 17-63 1740-4 8-2 9-6 9-6 17-75	179-1 1726-3 8-1 9-6 9-6 17-63	10 180.2 179.1 1726.3 8.1 9.6 9.6 17.63	59.94 180.2 179.1 1726.3 8.1 9.6 9.6 17.53
		7 17.75 7 17.75 9 20.13 6 20.63 6 21.00	9.7 17.75 11.9 20.13 11.6 20.63 11.6 21.00	9.7 17.75 11.9 20.13	10.5 11.6 20.63	3 0.1 9.0 9.0 17.03	1749-4 A.2 Q.6 9.7 17.75	1/9.1 1/20.3 8.1 9.6 9.6 1/.63		31 33.34 180.5 1/3.1 1/20.3 0.1 3.0 3.0 1/.03
• ਜ ਜ ਜ ਜ ਜ ਜ		7 17.75 9 20.13 6 20.63 6 21.00 3 21.38	9.7 17.75 11.9 20.13 11.6 20.63 11.6 21.00	11.9 20.13	10.5 11.9 20.13 10.7 11.6 20.63		1769-4 1.2 9-6 17.75		20011 000 000 100 000111 10011 10011	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6 20.63 6 21.00 3 21.38	11.9 20.13 11.6 20.63 11.6 21.00	11.6 20.63	10.7 11.6 20.63	8.2 9.6 9.7 17.75	C1017 100 000 300 10011	179.8 1749.4 8.2 9.6 9.7 17.75	181.3 179.8 1749.4 8.2 9.6 9.7 17.75	60.35 181.3 179.8 1749.4 8.2 9.6 9.7 17.75
		6 20.63 6 21.00 3 21.38	11.6 20.63	11.6 20.63	10.7 11.6 20.63	10.5 11.9 20.13	2294.3 9.0 10.5 11.9 20.13	192.6 2294.3 9.0 10.5 11.9 20.13	.44 216.9 192.6 2294.3 9.0 10.5 11.9 20.13	56.44 216.9 192.8 2294.3 9.0 10.5 11.9 20.13
		6 21.00 3 21.38	11.6 21.00	2000		9.0 10.7 11.6 20.63	2348.1 9.0 10.7 11.6 20.63	2348.1 9.0 10.7 11.6 20.63	.14 220.3 202.6 2348.1 9.0 10.7 11.6 20.63	70.14 220.3 202.6 2348.1 9.0 10.7 11.6 20.63
		3 21.38		11.6 21.00	10.8 11.6 21.00	1 9.0 10.8 11.6 21.00	2406.1 9.0 10.8 11.6 21.00	208.2 2406.1 9.0 10.8 11.6 21.00	.40 222.4 208.2 2406.1 9.0 10.8 11.6 21.00	71.40 222.4 208.2 2406.1 9.0 10.8 11.6 21.00
			11.3 21.38	11.3 21.38	0 10.9 11.3 21.38	9.0 10.9 11.3 21.36	.0 2441.3 9.0 10.9 11.3 21.38	216.0 2441.3 9.0 10.9 11.3 21.38	.69 223.0 216.0 2441.3 9.0 10.9 11.3 21.38	72.69 223.0 216.0 2441.3 9.0 10.9 11.3 21.38
•		2 21.86	11.2 21.88	11.2 21.88	1 11.1 11.2 21.66	6 9.1 11.1 11.2 21.66	7 2512.6 9.1 11.1 11.2 21.66	.4 223.7 2512.6 9.1 11.1 11.2 21.86	.39 225.4 223.7 2512.6 9.1 11.1 11.2 21.88	.39 225.4 223.7 2512.6 9.1 11.1 11.2 21.88
ź		0 23.25	11.0 23.25	11.0 23.25	2 11.7 11.0 23.25	0 9.2 11.7 11.0 23.25	.2 2692.0 9.2 11.7 11.0 23.25	0 245.2 2692.0 9.2 11.7 11.0 23.25	.05 231.0 245.2 2692.0 9.2 11.7 11.0 23.25	79.05 231.0 245.2 2692.0 9.2 11.7 11.0 23.25
		6 23.63	10.6 23.63	10.6 23.63	2 11.7 10.6 23.63	3 9.2 11.7 10.6 23.63	.9 2704.3 9.2 11.7 10.6 23.63	.5 253.9 2704.3 9.2 11.7 10.6 23.63	.5 253.9 2704.3 9.2 11.7 10.6 23.63	80.34 230.5 253.9 2704.3 9.2 11.7 10.6 23.63
	38 24.88	1 24.38	13.1 24.38	13.1 24.38	0 12.3 13.1 24.38	7 10.0 12.3 13.1 24.38	.5 3285.7 10.0 12.3 13.1 24.38	.5 3285.7 10.0 12.3 13.1 24.38	.89 266.8 251.5 3285.7 10.0 12.3 13.1 24.38	82.89 266.8 251.5 3285.7 10.0 12.3 13.1 24.38
	50 21.88	24.50	10.4 24.50	10.4 24.50	2 12.0 10.4 24.50	6 9.2 12.0 10.4 24.50	.2 2793.6 9.2 12.0 10.4 24.50	9.2 12.0 10.4 24.50	.30 232.6 269.2 2793.6 9.2 12.0 10.4 24.50	83.30 232.6 269.2 2793.6 9.2 12.0 10.4 24.50
88	25 24.88	25.25	12.7 25.25	12.7 25.25	1 12.6 12.7 25.25	2 10.1 12.6 12.7 25.25	.5 3421.2 10.1 12.6 12.7 25.25	.7 268.5 3421.2 10.1 12.6 12.7 25.25	.85 270.7 268.5 3421.2 10.1 12.6 12.7 25.25	85.85 270.7 268.5 3421.2 10.1 12.6 12.7 25.25
	88 21.88	. 25.38	10.1 25.38	10.1 25.38	2 12.3 10.1 25.30	9.2 12.3 10.1 25.38	9.2 12.3 10.1 25.38	.7 284.3 2877.5 9.2 12.3 10.1 25.38	.29 234.7 284.3 2877.5 9.2 12.3 10.1 25.38	86.29 234.7 284.3 2877.5 9.2 12.3 10.1 25.38
13	50 25.13	9 25.50	12.9 25.50	12.9 25.50	12.9 25.50	10.1 12.8 12.9 25.50	3405.6 10.1 12.8 12.9 25.50	3405.6 10.1 12.8 12.9 25.50	.2 270.9 3465.8 10.1 12.8 12.9 25.50	86.70 273.2 270.9 3465.8 10.1 12.8 12.9 25.50
8	13 24.88	4 26.13	12.4 26.13	12.4 26.13	12.4 26.13	10.1 12.9 12.4 26.13	3549.8 10.1 12.9 12.4 26.13	.1 285.6 3549.8 10.1 12.9 12.4 26.13	.84 274.1 285.6 3549.8 10.1 12.9 12.4 26.13	66.54 274.1 285.6 3549.8 10.1 12.9 12.4 26.13
-	53 25.13	5 26.63	12.5 26.63	12.5 26.63	12.5 26.63	10.2 13.2 12.5 26.63	3652.2 10.2 13.2 12.5 26.63	292.9 3652.2 10.2 13.2 12.5 26.63	54 277.5 292.9 3652.2 10.2 13.2 12.5 26.63	90.54 277.5 292.9 3652.2 10.2 13.2 12.5 26.63
:	10 24.88	1 27.00	12.1 27.00	12.1 27.00	12.1 27.00	10.2 13.2 12.1 27.00	3673.6 10.2 13.2 12.1 27.00	302.6 3673.6 10.2 13.2 12.1 27.00	80 277.3 302.8 3673.6 10.2 13.2 12.1 27.00	91.80 277.3 302.8 3673.6 10.2 13.2 12.1 27.00
88		8 27.88	11.8 27.88	13.5 11.8 27.88	13.5 11.8 27.88	13.5 11.8 27.88	3790.6 10.2 13.5 11.8 27.86	319.9 3790.8 10.2 13.5 11.8 27.88	79 280.2 319.9 3790.8 10.2 13.5 11.8 27.88	94.79 280.2 319.9 3790.8 10.2 13.5 11.8 27.88
13	25 28.13	29.25	14.4 29.25	14.3 14.4 29.25	14.3 14.4 29.25	11.1 14.3 14.4 29.25	4616-4 11-1 14-3 14-4 29-25	11.1 14.3 14.4 29.25	323.8 321.2 4616.4 11.1 14.3 14.4 29.25	19 284.6 356.0 3950.7 10.3 15.9 11.6 20.66 45 323.8 321.2 4616.4 11.1 14.3 14.4 29.25
		9 29.88	13.9 29.88	14.5 13.9 29.88	14.5 13.9 29.88	11.1 14.5 13.9 29.88	4699.9 11.1 14.5 13.9 29.88	337.4 4699.9 11.1 14.5 13.9 29.88	59 325.2 337.4 4699.9 11.1 14.5 13.9 29.88	101.59 325.2 337.4 4699.9 11.1 14.5 13.9 29.88
13		0 30.38	14.0 30.38	14.7 14.0 30.38	14.7 14.0 30.38	11.1 14.7 14.0 30.38	4824.7 11.1 14.7 14.0 30.38	345.3 4824.7 11.1 14.7 14.0 30.38	29 329.1 345.3 4824.7 11.1 14.7 14.0 30.38	103.29 329.1 345.3 4824.7 11.1 14.7 14.0 30.38
		6 30.75	13.6 30.75	14.8 13.6 30.75	14.8 13.6 30.75	11.1 14.8 13.6 30.75	4855.9 11.1 14.8 13.6 30.75	356.3 4655.9 11.1 14.8 13.6 30.75	55 329.2 356.3 4655.9 11.1 14.8 13.6 30.75	184.55 329.2 356.3 4655.9 11.1 14.8 13.6 30.75
113		6 31.50	13.6 31.50	15.0 13.6 31.50	15.0 13.6 31.50	11.2 15.0 13.6 31.50	5020.1 11.2 15.0 13.6 31.50	369.2 5020.1 11.2 15.0 13.6 31.50	10 334.0 369.2 5020.1 11.2 15.0 13.6 31.50	40 16 1 10 11 1 11 11 11 11 11 11 11 11 11 11
	28.13	2 32.63 28.13	13.2 32.63 28.13	15.4 13.2 32.63 28.13	15.4 13.2 32.63 28.13	11.2 15.4 13.2 32.63 28.13	5205.5 11.2 15.4 13.2 32.63 28.13	27 26 27 22 4 27 7 27 7 27 7 27 7 27 7		107-10 334-0 359.2 5020-1 11.2 15.0 13.6 31.50 Z8.13
	28.38	36.00 28.38	13.6 36.00 28.38	15. 7 17. 6 76.00 28.78				3 393.1 5205.5 11.2 15.4 15.2 52.65 28.13	94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13	110.94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13
	31.38	46.00 31.38	1111111111111111111111111	DE SOS DOS DOS DOS DOS DOS DOS DOS DOS DOS	15.3 13.6 36.00 28.38	11.1 15.3 13.6 36.00 28.38	5458.6 11.1 15.3 13.6 36.00 28.38	3 595.1 5205.5 11.2 15.4 15.2 52.65 20.15 3 402.6 5458.6 11.1 15.3 13.6 36.00 28.38	94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.38	107-10 554-0 569.2 5020-1 11.2 15-0 15.6 51.50 20.15 110.94 336.3 393.1 5205.5 11.2 15.4 13.2 32.63 20.13 122.40 356.3 402.6 5456.6 11.1 15.3 13.6 36.00 20.38
			14. 6 46.00 24.28	17.3 14.6 46.00 31.38	15.3 13.6 36.00 28.38	12.2 17.3 13.6 36.00 28.38	5458.6 11.1 15.3 13.6 36.00 20.38	\$45.1 5205.5 11.2 15.4 15.2 52.65 20.15 402.6 5458.6 11.1 15.3 13.6 36.00 28.38 604.7 7478.2 42.2 47.2 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6	94 336.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.38	110-91 334-0 359-2 5020-1 11.2 15-0 13-6 51-50 28-13 110-94 338-3 393-1 5205-5 11.2 15-4 13-2 32-63 28-13 122-40 356-3 402-6 5458-6 11-1 15-3 13-6 36-00 28-38 422-60 4-1-1 45-3 43-3 44-5 46-00 43-3 48-5 48-5 48-5 48-5 48-5 48-5 48-5 48-5
_		20170	14.6 46.00 31.38	17.3 14.6 40.00 31.38	17.3 14.6 46.00 31.38	11.1 15.3 13.6 36.00 28.38 12.2 17.3 14.6 40.00 31.38	5458.6 11.1 15.3 13.6 36.00 20.38 7178.2 12.2 17.3 14.6 40.00 31.38	\$95.1 5205.5 11.2 15.4 15.2 52.65 20.15 402.6 5458.6 11.1 15.3 13.6 36.00 28.38 491.4 7178.2 12.2 17.3 14.6 40.00 31.38	94 336.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.39 00 415.6 491.4 7178.2 12.2 17.3 14.6 40.00 31.38	110-94 336-3 393-1 5205-5 11-2 15-0 13-5 31-50 28-13 110-94 336-3 393-1 5205-5 11-2 15-4 13-2 32-63 28-13 122-40 356-3 402-6 5458-6 11-1 15-3 13-6 36-00 28-38 136-00 415-6 491-4 7178-2 12-2 17-3 14-6 40-00 31-38
		20 20 27	14.6 46.00 31.38	17.3 14.6 46.00 31.38	17.3 14.6 40.00 31.38	11:1 15:3 13:6 36:00 28:38 12:2 17:3 14:6 40:00 31:38	5458.6 11.1 15.3 13.6 36.00 28.38 7178.2 12.2 17.3 14.6 46.00 31.38	3 593.1 5203.5 11.2 15.4 13.2 52.65 20.13 5 402.6 5458.6 11.1 15.3 13.6 36.00 20.38 6 401.4 7170.2 12.2 17.3 14.6 46.00 31.38 8 6 6 6 720 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.39 40 415.6 491.4 7178.2 12.2 17.3 14.6 40.00 31.38	110-94 336-3 393-1 5205-5 11-2 15-0 13-6 51-50 28-13 110-94 336-3 393-1 5205-5 11-2 15-4 13-2 32-63 28-13 122-40 356-3 402-6 5458-6 11-1 15-3 13-6 46-00 28-38 136-00 445-6 491-4 7178-2 12-2 17-3 14-6 46-00 31-38 438-00 447-3 64-14 48-14-14-14-14-14-14-14-14-14-14-14-14-14-
•		20 00 07	14.6 46.00 31.38	17.3 14.6 40.00 31.38	17.3 14.6 40.00 31.38	11:1 15:3 13:6 36:00 28:38 12:2 17:3 14:6 40:00 31:38	5458.6 11.1 15.3 13.6 36.00 28.38 7178.2 12.2 17.3 14.6 40.00 31.38	\$95.1 5205.5 11.2 15.4 15.2 52.65 20.15 402.6 5458.6 11.1 15.3 13.6 36.00 20.38 491.4 7178.2 12.2 17.3 14.6 40.00 31.38 5.5 75 5 5 7 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	94 336.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.39 40 415.6 401.4 7170.2 12.2 17.3 14.6 40.00 31.38	107-10 554-0 569-2 5020-1 11.2 15-0 15-6 51-50 28-15 110-94 338-3 393-1 5205-5 11.2 15-4 13-2 32-63 28-13 122-40 356-3 402-6 5458-6 11.1 15-3 13-6 36-00 28-38 136-00 445-6 491-4 7178-2 12-2 17-3 14-6 40-00 31-38
_		2011	14.6 46.00 31.38	17.3 14.6 40.00 31.38	17.3 14.6 46.00 31.38	11.1 15.3 13.6 36.00 28.38 12.2 17.3 14.6 40.00 31.38	5456.6 11.1 15.3 13.6 36.00 20.39 7176.2 12.2 17.3 14.6 40.00 31.38	\$93.1 5205.5 11.2 15.4 13.2 52.63 20.13 402.6 5458.6 11.1 15.3 13.6 36.00 20.38 491.4 7178.2 12.2 17.3 14.6 46.00 31.38	94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 28.13 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00 28.38 00 415.6 491.4 7178.2 12.2 17.3 14.6 40.00 31.38	107-10 554-0 569-2 5020-1 11.2 15-0 15-5 15-50 20-15 11.0 11.0 15-5 15-50 20-15 11.0 15-6 15-50 20-15 122-40 356-3 402-6 5456-6 11.1 15-3 15-6 36-00 20-38 136-00 415-6 491-4 7176-2 12-2 17-3 14-6 40-00 31-36
138		00-07		7300 0000 0007	15.3 13.6 36.00	11.1 15.3 13.6 36.00	5458.6 11.1 15.3 13.6 36.00	3 593.1 5205.5 11.2 15.4 13.2 32.63 3 402.6 5458.6 11.1 15.3 13.6 36.00	94 338.3 393.1 5205.5 11.2 15.4 13.2 32.63 40 356.3 402.6 5458.6 11.1 15.3 13.6 36.00	107-10 554-0 569-2 5020-1 11-2 15-0 15-6 51-50 110-94 336-3 393-1 5205-5 11-2 15-4 13-2 32-63 122-40 356-3 402-6 5458-6 11-1 15-3 13-6 36-00
		32.63	13.6 31.50 13.2 32.63 13.6 36.00	15.0 13.6 31.50 15.4 13.2 32.63	15.0 13.6 31.50 15.4 13.2 32.63	11.2 15.0 13.6 31.50 11.2 15.4 13.2 32.63	5020-1 11-2 15-0 13-6 31-50 5205-5 11-2 15-4 13-2 32-63	1 369.2 5020.1 11.2 15.0 13.6 31.50	334.0 369.2 5020.1 11.2 15.0 13.6 31.50	CANA DAME THE RECORD COOKS VALUE OF THE

0.5000 - 1/2 in.

									****	****** BEAN	DIMENSIONS		*******
		•	SECTION	MODULUS	s						HEB	4	ANGE
MON	212	+	29.	ZFL	INERTIA	~	4 A	4	AREA		THICK	HIOIM	THICK
		.5	12.8	1.7	5.8		•	3.3	.75	3.19	.125	2.00	.188
6x 2x .1	.125/ .1867	5.99	19.4	4.5	10.1	6.		4.2	.88	4.19	.125	2.00	.188
5			15.3	2.5				5.5		-	•125	3.00	100
	1991 /67		66.55	2.5	79.5	::	••		1.00	•	.162	2000	. 100
3 6			***		12.9		•		1.30	4.51		2000	210
			***	*	61.0	•		201	***			20.7	
*		-	19.4	3.7	12.2		9		5	3.31	.130	-	. 313
×2	•	5.30	32.5	6:3	25.0	1:4	•				.188	2.00	.313
×	•	•	41.2	6.2	37.0	1.7	6.	9.0	1.75		.188	2.00	.313
×	.1067 .250T	6.39	45.9	7.0	40.9	1.8	1.0	5.9			.188	3.00	.251
×	•	0	36.9	6.9	33.6	1.6	6.	6:3		5.25	.188	4.00	.250
×	•	6.80	30.2	9.4	25.7	1.4	6.				.188	4.00	.313
3×	•	7.00	45.4	8.1		1.9	1:0	5.0	0		.188	3.00	.313
×	.188/ .250T	1.24	46.0		0.64	2.0	1:1		7	•	.188	4.00	.250
×	•	7.45	39.3		39.6	1.7	1.0		7	5.31	.188	4.00	.313
×	•	8.09	4.8.6	10.0	57.2	2.1	1.2	2.1	.3	6.31	.188	4.00	.313
2×	•	8.50	41.5	9.6	4.6.4	1.9	1:1		.5		.188	5.00	.313
×	50/ .3137	9.15	24.7	1.0.1	7.07	2.3	1.3		5.69	7.31	.250		.313
×	•	9.55	49.6	11.0	63.0	2.2	1.3	5.7		6.44	.250	3.00	.438
3	•	62.6	6.95	12.0	78.7	5.4	1.4	9.9			.250		.375
3×	.31	10.00	63.7	-	2.46	5.6	1.5	7.4			.250	3.00	.313
ž	.250/ .313F	10.20	57.8	12.9	3.	5.5	1.4	4.9	3.00	7.31	.250		.313
×		10.40	58.8	13.	99	5.5	1.5	6.5	•	3.	.250	3.00	.438
3	•	10.64	66.1	14.	104.9	2.1	1.6	7.4	7		.250		.375
•	2507 .3137	10.85	12.8	15.0	122.9	3.0	1.7	8.2	3.19		.250	3.00	.313
×	•	11.05	67.2	15.3	110.6	2.8	1.6	7.2	2	~	.250	-	.313
5x .	•	11.25	60.3	15.1	95.1	5.6	1.6			7.31	.250		.313
3×	•	11.25	2.89	15.7	114.7	5.9	1.7		3.31		.250		.438
•	2507 .3751	11.49	75.3		135.4	3.1	1.8		3.38		.250	3.00	.375
×	•	11.90	76.5	17.8	142.5	3.2	1.9	0.0	3.50	~	.250	4.00	.313
3×	•	12.10	17.6	18.2		3.2	1.9	8.1	3.56	9.44	.250	0	.438
5x .	•	12.10	6.69	-	25.	3.0	1.8	7.1	.5	~	.250	2.00	.313
×	•	12.75	19.2	;		3.3	2.0	7.9	-		.250	4.00	.375
2×	•	12.95	19.5	20.6	161.5	3.3	2.0	2.8	3.81	9.31	.250	2.00	.313
2×		13.19	12.4			3.1	2.0	7.0	•	~	.250	2.00	.375
2		13.40	64.7				1.8	6.2	·.	*	.250	2.00	.438
×		13.60	81.4				2.1	7.9	4.00	9.44	.250	4.00	.438
5x		14.04	82.1		180.5		2.2	7.7	4.13	9.38	.250	5.00	.375
•		14.25	74.5	2		3.2	2.1	6.9	4.19	•	.250		.43
. ×9		14.45	74.6	23.2	156.3		2.1		4.25	9.39	.250	6.00	.375
. x9		14.89	66.5		134.5	3.0	2.0	6.0	4.38	7.44	.250	6.00	.438
9x 5x .2		15.10	94.40		199.1	3.6	5.4	7.6	****		.250	5.00	.438
. x9	2507 .375F	15.30	84.4		201.1	3.6	2.4		4.50	9.38	.250	6.00	.375
*x	•	15.74	88.6		210.4	1.7		9.6	4.63	10.38	.313	4-00	375
	•								-	•			

	SHEAR	AREA	2.00	3.44	2.50	3.43	2.25	3.46	2.50	3.43	3.46	3.44	3.40	3.46	3.44	3.15	4.89	3.48	3.46	4.91	3.17	3.15	4.89	4.93	3.48	3.46	96.4	3.17	4.89	4.93	3.48	4.96	69.4	4.93	4.91	96.4	4.93	4.91	6.61	49.9	4.93	4.91	6.61	6.67	7.49	9.9		
******	NGE	THICK	.438	.438	.430	.375	.430	.500	.438	.375	.500	.438	.563	.511	.438	.500	694.	.563	.500	.531	.563	.500	694.	.594	.563	.500	959.	.563	694.	.594	.563	•656	694.	.594	.531	969.	*65.	.531	.531	.594	*65*	.531	.531	.656	.531	*65*	.719	
	FLA	HIDIH	7.00	4-00	6.00	2.00	7.00	4-00	7.00	6.00	2.00	9.00	2.00	6.00	7.00	7.00		6.00	7.00	4-00	7.1	9.00	2.00	00-4	7.00	8-00	4.00	00.0	6.00	2.00	9.00	2.00	2.00	9.00	2.00	00 -9	7.00	9.00	2.00	2.00	8.00	9.00	6.00	2.00	2.00		5.00	
I DIMENSIONS		THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375		.313	.375	.313	.375	.375	.313	.375	.375			.375	.375	.375	.438	.438	.375	.375	.438	.438	.438	.438	.438	
*** BEAN		DEPTH	7.44	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	12.66	9.56	12.47	12.59	10.56	15.66	15.47	15.59	12.53	15.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53	14.66	16.53	5	14.72	
******		AREA	4.01	4.88	4.88	2.00	90.6	5.13	5.31	5.38	5.63	5.75	5.94	6.13	6.19	6.31	6.38	6.50	6.63	6.63	6.15	6.81		98.9	7.06	7.13	7.13	7.31	7.31	7.47	9	7.78	7.78	9.00	8.25	9.44	9.66	9.75	8.78	9.09	9.25	9.20	9.31	9.41	99.6	69.6		
		4.	5.8	6.5	7.4	9.4	6.9	9.4	7.2	8.2	1.2	8.1	9.1	7.9	7.9	7.0	9.7	7.6	7.7	9.6	6.9	9.9	9.5	9.6	7.6	1.5	9.5	2.9	9.5	9.3		9.5	9.0	9.0	•	6.0	6.7	9.6	10.6	10.4	8.5	4.0	10.3	10.3	11.8	10.2	10.3	
		4	2.2	5.5	5.6	5.6	5.5	5.6	2.8	2.8	6.2	5.9	3.0	3.1	3.5	3.0	3.3	3.3	3.4	3.4	3.2	3.2	3.6	3.6	3.5	3.6	3.7	3.4	3.8	3.9	3.8	4.0	4:0	4.2	4.2	4.3	*:	4.5	4.5	4:1	4.7	4.7	4.8	4.9	5.3	5.0		116 42
		~	3.1	3.6	3.8	3.9	3.5	3.9	3.9	;	4.1	4.2	4.2	F. 3	4.3		4.6	*:	*:	•••	4.1	4.1	4:0	4.9	4.5	4.5	2.0	4.2	2.0	5.1	4.6	2.5	5.1	2.5	2.5	5.3	5.3	2.4	2.5	2.	5.5	5.5	6.6	6.5	4.9	6.0	6.0	0
		INERTIA	148.7	528.6	222.4	236.4	193.1	246.7	244.4	260.7	278.8	285.1	299.4	309.3	311.3	272.9	369.3	332.4	337.8	393.0	294.6	295.6	410.7	416.4	363.1	365.3	438.8	318.5	9.644	465.2	393.0	492.1	4.86.6	511.5	522.0	541.5	555.2	259.4	632.8	9999	936.0	596.1	687.6	701.3	847.9	726.2	m	2635
	MODULUS	ZFL	5.52	56.9	6.62	28.3	5.62	29.3	33.8	31.9	34.1	35.4	37.1	39.0	39.7	36.8	37.9	45.5	43.8	40.7	42.6	43.2	43.3	43.5	6.7.9	1.84	46.1	47.4	48.7	2005	53.4	53.6	24.0	6.95	28.9	61.0	63.6	64.8	0.09	63.8	70.3	6.02	6.99	67.8	71.7	71.5		
	SECTION	ZPL	68.1	91.0	86.7	91.8	78.3	93.1	99.6	94.3	96.3	1.96	2.86	8.96	2.96	90.3	111.9	100.6	100.6	114.1	92.1	91.9	115.5	116.3	102.6	102.6	118.1	93.5	118.5	119.9	104.3	121.9	121.0	122.9	123.3	154.8	125.3	155.4	139.3	141.7	127.4	127.2	145.8	143.9	160.8	145.2	146.0	
		HT/FT	16.35	16.59	16.59	17.00	17.20	17.44	18.05	18.29	19.14	19.55	20.20	20.84	21.05									23.39	24.00	•	24.24	•	54.85	25.40	3	•	54.92		-	•	9	σ	58.62	0	31.45	31.55	-	31.99	32.84	32.95	3.	
		32	.438T	.438T	.438T	.3751	.438T	.500T	.438T	.375T	.500T	438T	563T									500T	1694	1965		.500T	.656T	.563T	1694.	1965 ·	.563T	.656T	1694.	. 594T	.531T	.656T	1965.	.531T	.531T	. 594T	. 594T	.531T	.531F	.656T	.531T	1,65.	-719T	
		S	2						.250/		.313/				.313/																			.375/				.375/									438/	
		HO	×	×	¥9			×		×	2X	¥9	2X	<b>8</b> X		×	×	¥9			×	9x 8x		XZ	×	8X 8X		×6		2X	×	2X	×		×		×	X	4X 5X					14X 5X			×	

7	INERTIA 631.0 631.0 691.0 764.0 917.0 789.1 789.1 986.7				771 115 129 129 129 129 148 159 168 168 168 168 168 168 168 168	6561 33.15 129.2 6561 33.46 145.6 6561 34.65 164.6 5311 34.65 164.6 6561 34.95 148.2 5311 35.29 148.2 5311 35.99 148.2 5311 35.99 148.2 5311 35.99 148.2 5311 35.99 148.2 5311 35.99 148.2 5311 35.99 175.5 5511 37.99 170.9 5511 38.45 172.4 6561 39.95 173.6 6561 41.65 175.6 6561 41.75 190.3
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.1	.9	061	110901	95.2 1045 95.5 1061 99.7 1090 102.3 1104 105.0 1142 106.0 1142	45 172.4 95.2 1045 41 173.4 99.7 1090 95 173.6 102.3 1104 96 173.6 102.3 1104 97 173.6 102.3 1104 98 175.8 106.0 1142 95 176.4 109.3 1162	• 5317     38.25     171.1     95.2     1045       • 7197     38.45     172.4     95.5     1061       • 6567     39.41     173.4     99.7     1090       • 5347     40.05     173.6     102.3     1104       • 5317     40.05     173.6     102.9     1104       • 7197     40.09     175.6     1106.0     1146       • 6567     41.65     176.4     109.3     106.3     1160       • 6567     41.75     190.3     90.5     1247       • 6967     41.75     176.4     111.0     1160
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	7.	1104.4	1104	105-9 1104 1106-0 1142 1109-3 1162	05 173.6 102.9 1104 90 175.8 106.0 1142 65 176.4 109.3 1162 75 190.3 98.5 1247	.5317 40.05 173.6 102.9 1104 .7197 40.90 175.8 106.0 1142 .6567 41.65 176.4 109.3 1162 .6567 41.75 190.3 98.5 1247 .6547 41.96 176.4 111.0 1168
	7.	1104.5	1142	116.0 1142 119.3 1162	.90 175.8 106.0 1142 65 176.4 109.3 1162 75 190.3 98.5 1247	.7197 40.90 175.8 106.0 1142 .6567 41.65 176.4 109.3 1162 .6567 41.75 190.3 98.5 1247 .5947 41.96 176.4 111.0 1168
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		1247.2	1247	1437 6.06 6.		.5947 41.96 176.4 111.0 1
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	9	984		.9 110.0	15 156.9 110.0	.6567 43.15 156.9 110.0
9.9	~	1217	4.9	.6 116.4	.35 178.6 116.4	.7197 43.35 178.6 116.4
6.9	_	1229	6.8	6.8	69 178.8 118.9	.6567 43.89 178.8 118.9
6.9	_	1344		.9 109.1	1.60 194.9 109.1	64.00 194.9 109.1
6.9	_	1229		.7 119.8	.00 178.7 119.8	.5947 44.00 178.7 119.8
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7.1	-	1289.	6	.2 126.9	.80 181.2 126.9	.7197 45.80 181.2 126.9
7.1	-	1294.0	,	.1 128.4 1	10 161.1 128.4 1	46.10 161.1 128.4 1
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7.6	-	1537.3		.5 129.3 1	.45 203.5 129.3	.875T 48.45 203.5 129.3 1
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	7.	1606.6	6	.2 141.9 1	.80 205.2 141.9	.594T 50.80 205.2 141.9
	.0	1647.5	.2 1647	.5 143.2 1647	.44 207.5 143.2 1647	.8757 51.44 207.5 143.2 1647
-	.0	1677.	9.5 1677	11 149.5 1677	.60 208.1 149.5 1677	.7197 52.60 208.1 149.5 1677
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.563 IN. PLATE (AREA= 10.76 SQ.IN.)

3.5625 - 9/16 in.

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78.6 22.8 142.8 4.37.8 14.89 78.6 22.8 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.38 142.8 4.3
				77.0 786.9 79.7 70.6 79.7 79.7 79.7 79.7 90.7 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0	10.66 77.0 14.5 11.25 70.4 15.2 11.25 70.4 15.5 11.49 86.2 16.9 11.90 89.7 15.9 12.10 91.1 18.0 12.45 95.3 20.5 13.49 76.1 19.7 13.40 76.1 19.7 14.65 87.9 22.9 14.45 88.1 23.5 16.45 98.1 23.5	3137 11.05 78.5 15.2 3137 11.05 78.5 15.2 3137 11.05 78.5 15.5 3137 11.25 79.7 15.9 43.8 13.19 88.2 16.9 18.5 3137 12.95 89.2 20.2 3137 12.95 89.2 20.2 3137 12.95 89.3 20.2 43.8 13.69 86.1 23.5 43.8 15.10 99.9 26.4 43.8 15.10 99.9 26.4 43.8 15.3 100.0 26.9	3137 11.05 84.9 15.2 3137 11.05 78.5 15.5 3337 11.25 79.7 15.9 337 11.49 88.2 16.9 3137 11.99 88.2 16.9 3137 12.10 81.9 18.0 3137 12.75 93.5 20.2 3757 13.69 85.3 20.2 4387 13.69 85.3 20.5 4387 14.04 97.0 22.4 3751 14.04 97.0 22.6 3751 14.05 87.9 22.9 3751 14.05 87.9 22.9

										*******	BEA	1 DIMENS	TONS	*******	
				SECTION	2	S						HEB F	-	ANGE	SHEAR
-	INAL	2	4	2PL	ZFL	INERTIA	~	YP	YF	AREA		THICK	HIDIM	THICK	AR
	•	•	m	80.8	25.9	158.0	3.0	2.0	6.1	4.81		.250	7.00	.438	2.
	.313/	.4381	16.59	107.5	27.3	241.1	3.6	2.2	8.8	4.88	10.44	.313	4.00	.438	3.
	•	•	2	102.9	30.3	235.6	3.6	2.3	7.8	4.88		.250	6.00	.438	2
	•	•	0	108.6	28.7	549.6	3.7	2.3	8.7	2.00		.313	2.00	.375	3.
	•	•	O	93.0	58.6	202.5	3.3	2.2	6.9	2.06		.250	7.00	.438	2.
	•	•	•	110.3	29.8	260.7	3.8	5.4	8.8	5.13		.313	4.00	.500	3.
	•	•	0	105.4	34.2	259.8	3.7	5.5	1.6	5.31		.250	7.00	.438	2.
	•	•	N	111.8	32.3	276.1	3.8	5.5	8.5	5.38		.313		.375	3.
	•	•	-	114.3	34.6	295.8	4.0	5.6	8.5	5.63		.313		.500	3.1
	•	•	19.55	114.8	35.9	302.8	4.0	5.6	9.4	5.75	10.44	.313	6.00	.438	3.
	•		20.20	116.7	37.6	318.3	4.1	2.7	8.5	96.5	10.56	.313	2.00	.563	3.5
	•		20.84	117.5	39.6	329.3	4.1	2.8	8.3	6.13	10.50	.313	6.00	.500	3.4
	.313/		21.05	117.5	40.2	331.6	<b>†:</b>	2.8	8.2	61.9	10.44	.313	7.00	.438	3.4
	•		21.45	107.6	39.3	291.6	3.9	2.7	1.4	6.31	9.50	.313	0	.500	
	•		21.69	132.6	38.6	391.7	4.5	3.0	10.1	6.38	12.47	.375	4.00	694.	
	•		22.10	119.9	43.1	354.8	4.2	3.0	8.2	6.50	10.56	.313	6.00	.563	3.50
	.313/		55.54	120.2	****	360.9	4.3	3.0	1.0	6.63	10.50	.313	7.00	.500	3.4
	•		15.22	135.4	41.4	417.4	4.6	3.1	10.1	6.63	12.53	.375	4.00	.531	
	•		56.22	109.8	43.2	315.7		5.9	7.3	6.15	9.56	.313	7.00	.563	3.1
			23.15	109.7	43.8	316.9		5.9	7.2	6.81	9.50	.313	9.00	.500	
		1694.	23.26	137.1	44.1	436.9	4.7	3.5	6.6	6.84	15.47	.375	2.00	694.	•
		1465.	23.39	138.0	44.3	443.0	4.7	3.2	10.0	6.88	12.59	.375	4-00	.594	4.96
		. 563T	24.00	152.5	48.6	389.1	*:	3.2		1.06	10.56	.313	0	.563	3.5
	.313/	-500T	54.24	122.4	49.4	391.7	4.4	3.2	7.9	7.13	10.50	.313		.500	3.1
		.656T	24.24	140.3	47.0	467.5	4.8	3.3	10.0	7.13	15.66	.375	•	•656	*
		. 5631	54.85	111.8	48.1	2	4.1	3.1	7.1	7.31	9.56	.313	0	.563	
		1694.	24.85	140.8	49.5	6		3.4	4.6	7.31	12.47	.375	0	694.	j
		1965.	25.40	145.5	51.0	496.7	6.4	3.5	4.1	1.47	15.59	.375	0	*65.	j
		. 563T	55.94	124.7	24.5	455.6	4.5	3.4	7.8	7.63	10.56	.313	8-00	.563	
		.656T	54.92	145.0	24.5	256.4	2.0	3.6	2.6	7.78	12.66	.375	-	.656	;
			56.45	144.0	54.9	9.029	2.0	3.6	9.5	1.78	12.47	.375	2.00	694.	
			27.40	146.3	57.9	248.0	5.1	3.7	9.5	9.00	12.59	.375	-	*65*	ż
	•		27.95	146.9	6.65	28.	5.1	3.8	9.3	8.22	12.53	.375	7.00	.531	4.9
	•		28.70	148.6	62.0		2.5	3.9	9.4	9.44	15.66	.375		.656	4.9
	•		59.44	149.3	2.49	8.965	2.5	4.0	9.5	99.8	12.59	.375	0	.594	6.4
	•		29.75	149.4	62.9	:	5.5	4.0	9.1	8.75	12.53	.375	0	.531	
			29.85	165.1	51.2	9.929	5.5	4:1	11.1		14.53	.438	0	.531	9.9
			30.91	168.0	65.1	714.0	9.6	4.3	11.0	60.6	14.59	.438	2.00	.594	99.9
			31.45	151.9	71.5	642.7	5.3	4.2		9.25	12.59	.375	0	*65*	4.9
	.375/		31.55	151.7	72.1	643.0	5.3	4.2		2.	12.53	.375	0	.531	4.9
			31.65	169.4	68.2	737.2	2.1	4.4			14.53	.438	0	.531	9.9
14X 5X			31.99	170.7	69.1	752.1	5.8	4.4	10.9	*	14.66	.438	2.00	969.	9.9
16X 5X	•	.5311	32.84	190.4	73.3	:		4.8	15.4		16.53	.438	0	.531	
			22 05	172 2	77 0	270 0						470	•	5	
	•		P	2001	2000	113.3	2.0	*:0	10.1	7.07	'n	0000	00.00	***	•

										******	*** BEAM	DIMEN	SIONS **	*******
				SECTION	HODOLU	S						WEB F	5	NGE
NON		SIZE		ZPL	3Z	INERTIA	œ	4	4.6	w	DEPTH	THICK	WIDTH	THICK
×	.375/	.656T	33.15	154.3	77.	683.1	5.4	4:4	6.9	~	•	.375	8.80	• 656
×	.438/	.531T	33.46	173.0		195.0	2.9	4.6	10.6	9.84	14.53	.438	7.00	.531
2×	.438/	1965.	33.90	193.6	77.	955.4	4.9	4.9	15.3	9	10	.438	2.00	.594
¥9	. 438/	.6561	34.20	175.0	77.	922.8	5.9	4:1	10.6	0	•	.438	6.00	.656
×	.438/	.5311	34.65	195.2	81.	6.486	6.5	2.0	15.1	-	10	.438	9-00	.531
2×	.438/	.656T	34.95	196.6	82.	1002.5	6.5	5.1	15.2	2		.438	2.00	.656
×	.438/	1965.	34.95	175.9	80.	842.7	9.0	4.0	10.4	2	10	.438	7.00	.594
8 X	.438/	.531T	35.29	176.1	82.	850.3	9.0	•:•	10.3	m	10	.438	8-00	.531
¥9	.438/	1465.	35.90	198.5		1038.9	9.9	2.5	12.0	5	10	.438	6.00	.594
16X 5X	.438/	1617.	36.01	199.4	86.	1048.7	9.9	5.3	12.1	5	16.72	.438	2.00	.719
	.438/	.531T	36.45	199.3		1057.6	9.9	5.3	11.8	~	16.53	.438	7.00	.531
14X 8X	. 438/	1465.	36.99			902.7	6.1	5.0	10.2	10.68	14.59	.438	8.00	.594
16 x 9x	.438/	.531T	37.09			903.0	6.1	5.0	10.1	10.91	14.53	.438	9.00	.531
16X 7X	.438/	1465.	37.94	202.6	92.6	1117.9	6.9	5.5	11.7	11.16	16.59	.438	7.00	.594
16x 8x	.438/	.531T	38.25	202.8	97.1	1126.6	9.9	5.6	11.6	11.25	16.53	.438	9-90	.531
16X 6X	.438/	1617.	38.45	204.3		1144.6		9.6	11.7	11.31	16.72	.438	6-00	.719
16x 7x	.438/	.656T	39.41	205.6	101.8	76.	6.9	5.7	11.6	11.59	16.66	.438	7.00	.656
16X 8X	.438/	1465.	39.95	206.1	104.4	1192.7	6.9	5.8	11.4	11.75	16.59	.438	00-9	.594
16x 9x	.438/	.531T	40.05		105.0	93.	6.9	5.8	11.4	11.78	16.53	.438		.531
16X 7X	.438/	1617.	40.90	-	. 80	1235.3	7.0	6.6	11.4	12.03	16.72	.438	7.00	.719
×	.438/	.656T	41.65	209.1	11.	1257.8	7.0	9.0	11.3	12.25	16.66	.438	9.00	.656
2X	.500/	.656T	41.75		100.9	1341.6	7.2	9.0	13.3	12.28	18.66	.500	2.00	.656
×6	.438/	1465.	11.96		113.2	1264.7	7.0	6.0	11.2	15.34	16.59	.438	9.00	.594
28	. 500/	.8751	45.89	-	101.3	1189.8	6.8	2.8	11.7	12.38	16.88	.500	-	.875
×9	-500/	1465.	42.70	559.5	105.9	1386.3	7.3	6.1	13.1	15.56	18.59	.500	6.00	.594
	.500/	.719T	42.81		105.6	1396.5	7.3	6.1	13.2	15.59	18.72	.500	2.00	.719
×	.438/	.656T	43.15		112.1	1070.8	4.9	2.1	9.5	15.69	14.66	.438	10.00	.656
8 X	.438/	1617.	43.35	211.9	118.8	1320.3	7.1	6.2	11.1	12.75	16.72	.438	8-00	.719
×	.438/	.656T	43.89		121.3	•	7.1	6.3	11.0	15.91	16.66	.438	9.00	.656
	.500/	.656T	44.00		1111.7	1449.9	1.4	6.3	13.0	15.94	18.66	.500	9-00	.656
	.438/	1965.	-		155.2	1334.3	7:1	6.3	10.9	15.94	16.59	.438	10.00	.594
	. 438/	. 656T	-		120.6	124	6.5	6.0	9.3	13.34	14.66	.438	:	.656
	.438/	.719T	-		129.6	405	7.2	6.5	10.0	3	16.72	.438		.719
16×10×	.438/	.656T	_		131.0	1407.1	7.2	6.5	10.7	5	16.66	.438	10-00	.656
×	.500/	1617.	-		129.5	1622.0	7.7	9.9	12.5	0	18.72	.500	7.00	.719
¥9	.500/	1578.			132.4	1664.1	7.8	6.9	12.6	N	18.88	.500	6.00	. 675
	.500/	.719T	-		141.3	1725.3	7.8	7.1	12.2	14.75	18.72	.500	8.00	.719
	.500/	.656T	.0	242.3	144.2	1743.3	7.9	7.2	15.1	14.91	18.66	.500	9.00	.656
	1005.	1465.	-		45.	1743.3	7.9	7.2	12.0	.9	18.59	.500	10.00	.594
	.500/	.875T		244.8	3	1788.2	6.2	7.3	12.2	-	8.8	.500	7.00	.875
18x 9x	.500/	.7191	9	4.545	52.	1822.8	0.0	7.4	11.9	*	9.7	.500	8.00	.719
18X10X	.5007	.656T	T		54			7.5	11.8		18.66	.500	10.00	.656
18× 8×	.5007		24.40	548.9		10	8.1	7.7	11.0		18.88	.500	8.00	.875
							Р.							
18X11X	1005.	1929	-		62	2		1.1	11.6	7	8.6	. 500	11.00	. 656

8.3 2091.6 8.2 8.3 8.2 11.1 7.55 18.72 8.50 12.0 8.75 14.07 4.5 2737.9 9.1 9.1 13.4 20.1 18.72 8.50 12.0 8.75 14.07 4.5 2737.9 9.1 9.1 13.4 20.1 18.72 8.50 12.0 8.75 14.07 4.5 2.2 212.0 8.5 10.0 8.75 14.07 4.5 2.2 212.0 8.5 10.0 8.75 14.07 14.07 2881.3 9.2 9.4 13.4 20.1 3.1 21.0 6.5 5 9.0 0 8.75 14.07 14.07 2881.3 9.2 9.4 13.1 21.0 0.2 21.75 8.6 5 9.0 0 8.75 14.07 14.0 1.2 20.0 9.4 10.3 12.2 23.2 10.0 8.6 5 9.0 0 8.75 14.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	SECTION
8.2         8.2         11.1         17.63         10.72         .500         12.0         0.719           8.3         8.3         11.2         17.75         10.86         .500         10.00         .875           9.1         9.3         13.1         20.63         21.75         .625         10.00         .875           9.2         9.6         12.8         21.86         .625         10.00         .875           9.2         9.6         12.7         21.06         .625         10.00         .875           9.2         10.3         12.7         21.06         .625         10.00         .875           10.4         10.3         12.5         23.25         22.13         .625         10.00         .875           10.5         10.9         11.9         24.50         21.86         .625         11.00         .875           10.5         11.6         25.25         22.13         .625         12.00         .875           10.5         11.2         14.3         25.25         22.48         .686         10.00         .875           10.5         11.5         14.6         25.30         25.13         .686         10.00	ZEL
9.2 9.2 11.2 17.55 10.75 5.00 12.00 0.759 9.1 9.3 13.1 21.65 3 21.75 625 10.00 0.759 9.2 9.4 13.1 21.06 3 21.75 625 10.00 0.759 9.2 9.4 13.1 21.0 21.0 6.25 10.00 0.759 9.2 9.6 12.8 21.3 21.0 21.0 625 10.00 0.759 9.4 10.3 12.5 23.25 22.13 625 10.00 0.759 9.5 10.6 12.9 23.25 22.13 625 13.00 0.759 9.6 10.3 12.5 23.65 22.13 625 13.00 0.759 9.5 10.6 11.9 24.6 24.50 24.80 668 9.00 0.759 9.5 10.6 11.9 24.6 25.3 24.80 668 9.00 0.759 9.5 10.6 11.9 24.6 25.3 24.80 668 10.00 0.759 10.5 11.6 12.9 14.4 25.5 2 24.80 668 12.00 0.759 10.5 11.5 14.0 25.5 2 24.80 668 12.00 0.759 11.5 12.1 13.4 27.80 24.80 688 12.00 0.759 11.5 12.6 13.5 29.8 27.80 7750 11.00 0.759 11.5 13.0 15.5 29.8 27.80 7750 11.00 0.759 11.5 13.0 15.5 29.8 27.80 7750 11.00 0.759 11.5 13.0 15.5 29.8 27.80 7750 11.00 0.759 11.5 13.0 15.5 29.8 27.80 7750 11.00 0.759 11.5 13.0 15.7 27.00 24.30 7750 11.00 0.759 11.5 13.0 15.7 27.00 31.3 7750 11.00 1.375 11.5 13.0 15.7 40.00 31.3 8.75 11.00 1.375 12.6 13.9 14.8 32.63 26.13 7750 11.00 1.375 13.5 17.7 17.4 48.00 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.5 14.7 45.5 0 31.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.7 17.7 17.4 48.01 34.3 8.00 11.00 11.375 14.5 13.7 17.7 17.4 48.01 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375 14.5 13.6 15.6 50.88 34.3 8.00 11.00 11.375	1
8.3 8.3 11.2 17.75 18.88 .500 10.00 .875 9.1 9.1 13.4 20.13 21.96 .625 10.00 .875 9.2 9.6 12.8 21.30 21.86 .625 10.00 .875 9.8 10.3 12.7 21.80 21.86 .625 10.00 .875 9.4 10.3 12.2 23.25 22.13 .625 10.00 .875 9.5 10.9 14.6 25.35 22.18 .625 13.00 .875 10.5 11.6 11.9 24.50 21.86 .625 13.00 .875 10.5 11.6 11.9 24.50 21.86 .688 10.00 .875 10.5 11.6 11.5 25.25 24.86 .688 10.00 .875 10.5 11.6 11.5 25.30 25.13 .688 9.00 1.125 11.5 12.6 12.6 25.30 22.88 .688 12.00 .875 11.5 12.6 12.6 12.5 23.25 28.81 .688 13.00 .875 11.5 12.6 12.6 12.8 25.82 25.13 .688 13.00 .875 11.5 12.6 12.6 12.8 25.83 25.13 .750 12.00 .875 11.6 13.8 12.2 31.8 28.13 .750 12.00 1.125 11.6 13.8 12.8 12.8 28.13 .750 12.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 12.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 28.13 .750 11.00 1.125 11.6 13.9 14.8 32.63 34.38 .875 11.00 11.00 1.375 12.8 12.9 18.9 38.10 34.31 .000 11.00 11.00 1.375 13.6 15.1 16.5 16.6 50.86 34.30 1.000 11.00 11.00 1.375 13.6 17.7 17.4 48.00 34.30 1.000 11.00 11.00 1.375 14.5 19.5 18.4 53.50 34.30 1.000 11.00 11.00 1.375 14.5 19.5 18.4 53.50 34.30 1.000 11.00 11.00 1.375 14.5 19.5 18.4 53.50 34.30 1.000 11.00 11.00 1.375 14.5 19.5 18.4 53.50 34.30 1.000 11.00 11.00 1.375 14.5 19.5 18.4 53.50 34.30 1.000 11.00 11.00 1.375	168.3
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9.2         9.6         12.6         21.36         21.75         .625         11.00         .750           9.4         10.3         12.7         21.86         22.13         .625         10.00         .075           9.4         10.3         12.2         23.63         22.13         .625         12.00         .075           10.2         10.9         14.6         24.30         24.86         .686         9.00         .075           10.2         10.9         14.6         25.25         25.48         .625         13.00         .075           10.2         10.9         14.6         25.25         24.80         .686         14.00         .075           10.4         11.5         14.4         25.26         25.13         .686         14.00         .075           10.4         11.5         14.4         25.50         25.13         .686         12.00         .075           10.4         11.5         14.4         25.50         25.13         .686         12.00         .075           10.5         11.5         14.6         25.13         .686         12.00         .087           10.6         12.5         27.00         26.1	_
9.3 9.6 12.7 21.86 21.86 .625 10.00 .875 9.4 10.3 12.5 23.25 22.13 .625 9.00 1.125 10.4 10.3 14.6 24.36 24.88 .625 13.00 .875 10.3 11.2 14.3 25.25 24.88 .688 10.00 .875 10.4 11.3 14.4 25.50 21.88 .625 14.00 .875 10.4 11.5 14.0 26.13 24.88 .688 11.00 .875 10.5 11.6 13.7 27.88 24.88 .688 11.00 .875 10.5 11.8 13.7 27.88 24.88 .688 11.00 .875 10.5 11.8 13.7 27.88 24.88 .688 11.00 .875 11.6 13.9 14.8 25.13 .688 13.00 1.125 11.6 13.9 14.8 32.85 28.13 .750 19.00 1.125 11.5 14.0 15.5 29.88 27.88 .750 11.00 .875 11.5 13.2 15.2 31.75 27.88 .750 11.00 .875 11.5 13.3 15.2 31.75 27.88 .750 11.00 1.125 11.5 13.4 17.7 17.8 40.10 31.38 .875 11.00 1.125 12.6 15.9 16.2 40.00 31.38 .875 11.00 1.125 12.6 15.1 15.7 40.13 31.13 .875 14.00 1.375 12.7 16.4 15.8 42.00 31.38 .875 14.00 1.375 12.8 17.7 17.7 46.10 34.38 1.000 13.00 1.375 13.5 17.7 17.8 40.13 37.38 1.000 13.00 1.375 14.5 19.5 19.6 50.88 34.38 1.000 13.00 1.375 14.5 19.6 18.4 53.58 37.38 1.000 13.00 1.375 14.5 19.6 18.4 53.58 37.38 1.000 13.00 1.375 14.5 19.6 18.6 50.88 34.38 1.000 13.00 1.375 14.5 19.6 19.6 50.88 34.38 1.000 13.00 1.375 14.5 19.6 19.6 50.88 34.38 1.000 13.00 1.375 14.5 19.6 19.6 50.88 34.38 1.000 13.00 1.375 14.5 19.6 10.8 51.13 37.75 1.000 1.375	
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9.5 10.6 11.9 24.50 21.88 .625 13.80 .875 10.3 11.2 14.3 25.25 24.88 .688 10.80 .875 10.4 11.5 14.0 25.13 24.88 .688 11.80 .875 10.4 11.5 14.0 25.13 24.88 .688 11.80 .875 10.5 11.8 13.7 27.80 24.88 .688 11.80 .875 10.5 11.8 13.7 27.80 24.88 .688 11.80 .875 11.8 12.8 16.0 29.25 28.13 .750 8.00 1.125 11.5 13.2 15.6 30.25 28.13 .750 11.80 1.125 11.5 13.2 15.6 30.38 28.13 .750 11.80 1.125 11.5 13.2 15.6 30.38 28.13 .750 11.80 1.125 11.5 13.3 15.2 31.50 28.13 .750 11.80 1.125 11.5 13.4 13.8 15.2 31.8 .875 11.80 1.375 12.6 15.9 14.8 32.63 26.13 .750 11.80 1.375 12.6 15.1 15.7 46.10 31.38 .875 14.80 1.375 12.7 16.4 15.7 46.10 31.38 .875 14.80 1.375 12.8 17.7 17.4 48.10 34.38 1.000 11.375 13.5 17.7 17.4 48.10 34.38 1.000 11.875 13.5 17.7 17.4 48.10 34.38 1.000 11.875 14.5 19.7 16.6 50.88 34.38 1.000 11.875 14.5 19.7 16.6 50.88 34.38 1.000 11.875 14.5 19.7 16.6 50.88 34.38 1.000 11.875 13.6 18.4 16.5 50.88 34.38 1.000 11.875 13.5 17.7 17.7 48.10 34.38 1.000 13.80 11.375 14.5 19.7 16.6 50.88 34.38 1.000 11.875	5
10.3         11.2         14.3         25.25         24.88         .686         10.00         .875           4         10.6         11.6         25.38         21.88         .686         11.00         .875           4         10.4         11.5         14.0         26.13         24.88         .686         11.00         .875           1         11.5         14.0         26.63         25.13         .688         9.00         1.125           1         10.5         11.2         14.0         26.63         25.13         .688         12.00         .875           1         10.5         12.1         13.7         27.80         26.88         13.00         .875           1         14.8         13.7         27.80         27.90         8.00         11.125           1         14.8         15.2         28.13         .750         9.00         11.125           1         14.6         15.2         28.13         .750         9.00         11.125           1         14.6         15.2         28.13         .750         9.00         11.125           1         14.5         13.3         28.13         .750         10.00	
4.5         11.6         25.38         21.88         .625         14.00         .875           10.4         11.5         14.0         25.5         24.88         .688         8.00         1.125           10.5         11.7         14.0         26.63         25.13         .688         12.00         .875           10.5         11.8         13.7         27.00         24.88         .688         12.00         .875           10.5         12.1         13.4         27.80         24.88         .688         12.00         .875           10.5         12.1         13.4         27.80         24.88         .688         11.00         .1125           11.6         12.4         13.3         28.86         27.30         .688         11.00         .125           11.4         13.0         15.5         29.80         27.80         .750         11.00         .125           11.5         13.3         15.2         28.13         .750         11.00         .125           11.6         13.3         15.2         28.13         .750         11.25         .125           11.6         13.3         15.2         28.13         .750         1	2
4 10.4         11.3         14.4         25.50         25.13         .686         8.00         1.125           1 10.5         11.5         14.0         26.613         24.88         .688         11.00         .875           1 10.5         11.0         13.7         27.00         24.88         .688         11.00         .875           1 10.5         12.1         13.4         27.88         24.88         .688         13.00         .875           1 10.5         12.4         13.3         20.86         25.13         .688         13.00         .875           1 1.5         1 12.8         15.0         29.25         28.13         .750         10.00         1.125           1 1.6         1 3.0         1 5.5         29.88         27.88         .750         11.00         1.125           1 1.6         1 3.0         1 5.5         29.88         27.88         .750         10.00         1.125           1 1.6         1 3.0         1 5.0         28.13         .750         10.00         1.125           1 1.6         1 3.0         1 5.2         28.13         .750         11.00         1.125           1 1.6         1 4.0         3 2.6	6
2         10.4         11.5         14.0         26.13         24.0         6.66         11.00         .075           1         10.5         11.7         14.0         26.63         25.13         .686         19.00         10.125           1         10.5         12.4         13.4         27.80         24.06         .686         13.00         .0875           1         10.6         12.4         13.3         28.08         25.13         .686         11.00         1.125           2         11.6         13.2         15.0         29.25         28.13         .750         9.00         1.125           2         11.6         13.0         15.5         29.86         27.08         .750         19.00         1.125           2         11.6         13.0         15.2         28.13         .750         12.00         .875           3         11.6         13.0         14.0         15.2         28.13         .750         12.00         .875           4         15.6         15.2         31.5         28.13         .750         12.00         .875           11.6         13.0         14.0         25.0         28.13         .7	5 288.2
7         10.5         11.7         14.0         26.63         25.13         .688         9.00         1.125           8         10.5         11.6         13.7         27.00         24.88         .688         12.00         .875           10.5         12.4         13.3         28.85         25.13         .688         11.00         .875           2         11.3         12.8         12.9         25.25         28.13         .750         11.00         .875           2         11.6         13.0         15.5         29.25         28.13         .750         11.00         .875           2         11.6         13.3         15.2         29.25         28.13         .750         11.00         .125           2         11.6         13.0         15.2         20.35         28.13         .750         11.00         .125           3         14.6         15.2         20.35         28.13         .750         11.00         .125           4         15.6         15.2         20.05         27.00         10.00         1.125           4         16.5         14.8         32.63         26.13         .750         11.00	303.5
10.5         11.8         13.7         27.80         24.86         .688         12.00         .875           10.5         12.1         13.4         27.86         24.86         .688         13.00         .875           11.6         12.6         16.0         29.25         28.13         .750         11.00         .875           11.5         13.2         15.6         30.38         28.13         .750         11.00         .875           11.6         13.2         15.2         30.75         27.86         .750         11.25           11.6         13.3         14.8         28.13         .750         12.00         .875           11.6         13.9         14.8         32.63         .750         12.00         .875           11.6         13.9         14.8         32.63         .750         12.00         .875           12.6         14.9         36.0         13.3         .750         12.12         12.12           12.6         15.9         16.2         40.00         31.3         .875         10.00         1.375           12.6         15.9         16.2         40.00         31.3         .875         14.00         1	
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10.6         12.4         13.3         26.66         25.13         .666         11.00         1.125           11.3         12.6         16.0         29.25         28.13         .750         18.00         .875           11.4         13.2         15.5         29.25         28.13         .750         9.00         .875           11.5         13.2         15.6         20.36         27.06         .750         19.00         .975           11.6         13.6         15.2         31.50         28.13         .750         10.00         1.125           11.6         13.9         14.8         32.63         26.13         .750         10.00         1.125           12.6         13.9         14.8         32.63         26.13         .750         10.00         1.125           12.6         15.9         16.2         40.00         31.36         .875         10.00         1.375           12.6         15.9         16.2         40.00         31.13         .875         14.00         1.375           12.6         15.9         41.38         31.3         .875         14.00         1.375           12.7         17.4         48.13	339.7
2       11.3       12.8       16.0       29.25       28.13       .750       8.00       1.125         2       11.6       13.0       15.5       29.88       27.88       .750       11.00       .875         2       11.6       13.2       15.6       230.35       27.88       .750       12.00       .875         4       11.6       13.6       15.2       31.50       28.13       .750       10.00       1.125         7       11.6       13.9       14.8       32.63       26.13       .750       11.00       1.125         1       12.6       15.9       16.2       31.33       .750       11.00       1.125         1       12.6       15.9       16.2       31.13       .875       11.00       1.275         1       12.6       15.9       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16.2       16	357.1
11.4       13.0       15.5       29.0       27.0       .750       11.0       .075         2       11.5       13.2       15.6       30.3       28.13       .750       10.0       1.125         4       11.6       13.9       14.0       30.75       27.0       .750       10.00       .125         4       11.6       13.9       14.0       32.63       26.13       .750       10.00       1.125         2       11.6       14.0       15.0       26.3       26.13       .750       10.00       1.125         2       12.6       16.2       40.00       31.30       .075       10.00       1.125         4       12.6       16.2       40.00       31.33       .075       14.00       1.125         1       12.7       16.4       15.0       41.30       31.33       .075       14.00       1.125         1       12.7       16.4       15.4       42.00       31.33       .075       14.00       1.125         1       12.6       17.7       17.4       46.10       31.36       .075       14.00       1.375         1       13.5       17.7       17.4       46.1	345.6
11.5     13.2     15.6     30.38     28.13     .750     9.00     1.125       11.6     13.3     15.2     31.75     27.86     .750     12.00     .875       11.6     13.9     14.8     32.63     28.13     .750     11.80     1.125       11.6     13.9     14.8     32.63     28.13     .750     11.80     1.125       12.6     15.9     16.2     40.00     31.36     .875     19.00     1.375       12.6     15.7     40.00     31.33     .875     11.80     1.225       12.7     16.4     15.4     40.33     31.33     .875     14.80     1.125       12.7     16.4     15.4     46.00     31.13     .875     14.80     1.375       12.8     17.7     17.4     46.10     31.36     .875     14.80     1.375       13.5     17.7     17.4     46.10     34.50     1.000     11.875       14.5     19.4     16.6     51.33     1.000     13.80     1.375       14.5     19.2     18.4     53.50     37.35     1.000     13.375       14.7     19.2     18.4     53.50     37.75     1.000     11.375 <td< td=""><td>359.4</td></td<>	359.4
11.5       13.3       15.2       30.75       27.86       .750       12.00       .875         11.6       13.6       15.2       31.50       28.13       .750       10.00       1.125         11.6       13.6       14.8       22.63       .875       10.00       1.375         12.6       15.0       16.2       40.00       31.33       .875       10.00       1.375         12.6       16.1       15.7       40.00       31.13       .875       11.00       1.375         12.7       16.4       15.7       40.00       31.13       .875       14.00       1.125         12.7       16.4       15.4       42.00       31.13       .875       14.00       1.125         12.7       17.7       17.4       46.00       34.36       .875       14.00       1.375         13.5       17.7       17.4       46.00       34.5       1.000       11.25         14.5       17.7       17.7       46.00       34.5       1.000       13.00       1.375         14.5       19.1       16.6       50.63       37.13       1.000       13.00       1.375         14.5       19.2       18.6	434.5 368.1 5730
11.6         13.6         15.2         31.50         28.13         .750         10.00         1.125           7         11.6         13.9         14.8         32.63         28.13         .750         11.00         1.125           2         15.9         16.2         40.00         31.30         .875         10.00         1.375           12.6         15.0         40.00         31.33         .875         13.00         1.125           12.7         16.2         15.6         41.36         31.36         .875         14.00         1.375           12.7         16.4         15.6         42.00         31.33         .875         14.00         1.125           13.5         17.7         17.4         46.00         34.36         .875         14.00         1.375           14.5         17.7         17.4         46.13         34.36         1.000         11.00         1.375           14.5         19.1         18.7         46.13         34.36         1.000         13.00         1.375           14.5         19.1         18.7         34.36         1.000         13.00         1.375           14.5         19.2         18.6	379.3
7 11.6 13.9 14.6 32.63 26.13 .750 11.00 1.125 11.5 14.0 15.0 36.00 28.38 .750 11.00 1.375 12.6 15.9 15.7 40.88 31.13 .875 13.00 1.375 12.7 16.2 15.9 41.38 31.38 .875 11.00 1.375 12.7 16.4 15.4 42.00 31.13 .875 14.00 1.125 12.8 17.3 14.7 45.50 31.38 .875 14.00 1.125 13.5 17.7 17.4 46.00 34.38 1.000 11.00 1.575 13.5 17.7 17.3 48.13 34.38 1.000 13.00 1.375 14.5 19.1 18.7 50.63 37.13 1.000 13.00 1.375 14.5 19.2 18.8 51.13 37.38 1.000 13.00 1.375 14.7 19.9 18.4 53.58 37.75 1.000 11.00 1.375	7 393.2
11.5     14.0     15.0     36.00     28.38     .875     9.00     1.375       4     12.6     15.2     40.00     31.38     .875     10.00     1.375       1     2.7     16.2     15.8     41.38     31.31     .875     11.00     1.225       1     2.7     16.4     15.4     42.00     31.13     .875     14.00     1.125       1     12.7     16.4     15.4     42.00     31.13     .875     14.00     1.125       1     12.8     17.7     17.4     48.10     34.36     1.000     1.000     1.375       1     14.5     19.7     17.3     46.13     34.36     1.000     13.00     1.375       1     14.5     19.2     18.8     51.13     37.38     1.000     13.00     1.375       1     14.7     19.9     18.4     53.58     37.75     1.000     11.00     1.375       1     14.7     19.9     18.4     53.58     37.75     1.000     1.000     1.375       1     14.7     19.9     18.4     53.58     37.75     1.000     1.000     1.375       1     14.7     19.9     18.4     53.58     37.75	
4       12.6       15.9       16.2       40.00       31.36       .875       10.00       1.375         3       12.6       16.1       15.7       40.88       31.13       .875       11.00       1.125         1       12.7       16.4       15.4       42.00       31.33       .875       14.00       1.375         1       12.7       16.4       42.00       31.33       .875       14.00       1.375         1       12.5       17.7       17.4       48.00       34.50       1.000       10.00       1.375         1       13.5       17.7       17.3       40.13       34.38       1.000       11.00       1.375         4       13.6       19.1       18.7       50.63       37.13       1.000       13.00       1.375         4       13.6       16.6       50.88       34.38       1.000       13.00       1.375         14.5       19.9       18.4       53.50       37.38       1.000       11.00       1.375         14.7       19.9       18.4       53.50       37.75       1.000       10.00       1.750         13.7       19.4       15.6       55.00       34	7 429.7
3 12.6 16.1 15.7 40.88 31.13 .675 13.00 1.125       1 2.7 16.2 15.8 41.38 31.38 .675 11.00 1.375       7 12.7 16.4 15.4 42.00 31.13 .675 14.00 1.375       7 13.6 17.7 17.4 48.00 34.36 .607 14.00 1.375       2 13.5 17.7 17.3 48.13 34.38 1.000 11.00 1.375       4 13.6 19.1 18.7 50.63 37.13 1.000 13.00 1.125       4 13.6 18.4 16.6 50.88 34.38 1.000 13.00 1.375       5 14.7 19.9 18.4 53.50 37.75 1.000 11.00 1.375       1 3.7 19.4 15.6 55.00 34.38 1.000 11.00 1.375	3 524.2
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7 12.7 16.4 15.4 42.00 31.13 .675 14.00 1.125 12.8 17.3 14.7 45.50 31.36 .675 14.00 1.375 13.5 17.7 17.4 46.13 34.36 1.000 11.00 1.575 14.5 19.1 18.7 50.63 37.13 1.000 13.00 1.125 4 13.6 18.4 16.6 50.88 34.38 1.000 13.00 1.375 3 14.5 19.2 18.8 51.13 37.38 1.000 11.00 1.375 14.7 19.9 18.4 53.58 37.75 1.000 10.00 1.375 13.7 19.4 15.6 55.00 34.38 1.000 10.00 1.375	
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1 13.6 18.4 16.6 50.88 34.38 1.000 13.00 1.375 14.5 19.2 18.8 51.13 37.38 1.000 11.00 1.375 1.175 1.000 11.00 1.758 1.175 1.375 1.377 19.4 15.6 55.00 34.38 1.000 16.00 1.375	2 715.4 13369
3 14.5 19.2 18.8 51.13 37.36 1.000 11.09 1.375 6 14.7 19.9 18.4 53.50 37.75 1.000 10.00 1.750 2 13.7 19.4 15.6 55.00 34.36 1.000 16.00 1.375	9.
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1881 2.55 14.0 1.9 1.9 16.4 6 5 3.4 77 5.19 1.25 2.00 1881 3.50 12.5 14.0 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		11.7E	1751	Z PL	0	THERT	0	4	4.6	L	FPTH	THICK	S z		
1101 3.29 12.15 2.5 11.0 .6 .5 4.4 .96 4.19 1.15 2.0 10 10 10 10 10 10 10 10 10 10 10 10 10	.125/		2.5	14.0	1.9	9	9			-	3.19	.125	2.00	•	
1317 3.60 27.6 3.9 17.3 1.0 6 4.4 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.0 6 4.1 1.	-		9	21.5	5.5	11.0	••	••	* . 4		19	.125	2.00	.188	
3.3.31         5.5.6         5.5.5         14.5.3         1.9         6.4.4         1.30         4.31         1.10         4.31         1.20         5.3         1.44         1.30         4.31         1.40         5.3         1.40         5.3         1.40         5.3         1.40         5.20         1.40         5.3         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40         5.20         1.40 <t< td=""><td></td><td></td><td>en 1</td><td>17.1</td><td>5.5</td><td>8.5</td><td></td><td></td><td>3.4</td><td></td><td>13</td><td>.125</td><td>3.00</td><td>.188</td><td></td></t<>			en 1	17.1	5.5	8.5			3.4		13	.125	3.00	.188	
2317 5.30 5.30 5.30 5.30 5.30 13.4 6.2 12.0 5.34 1.05 5.25 1.08 5.31 1.00 5.30 5.30 5.30 5.30 5.30 5.30 5.30 5			0 4	28.5	2.5	14.5		•		? "	13	.125	3.00	.188	
3137         5.10         22.8         3.9         13.4         9         6         3.4         1.56         5.31         1188         2.0           3137         5.95         5.96         6.6         1.2         6         6.1         1.86         6.25         1.18         2.0           2507         6.96         6.4         1.2         6         6.1         1.86         6.25         1.18         2.0           3137         6.00         37.3         7.2         4.6         6.1         1.96         6.25         1.18         6.25         1.18         5.20           3137         7.0         5.6         6.0         1.2         6.0         6.1         1.86         6.25         1.18         5.0           3137         7.0         5.6         1.0         1.2         6.0         1.2         6.0         5.1         1.86         6.0         1.18         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         5.0         6.0         6.0			рσ	35.9	. 4	23.5	1.2			2 4	3 2	188	2000	250	
3331         5 30         5.1         26.9         1.2         7 5.3         1.56         6.31         .188         2.0           3313         5 30         5.1         1.6         1.6         6.2         1.7         5.3         1.56         5.3         .188         2.0           2507         6.0         1.6         1.6         6.2         1.0         6.2         .188         6.0           3337         7.0         5.0         1.2         2.0         6.3         1.188         4.0           3337         7.0         5.0         7.1         1.7         9         6.1         2.10         6.3         1.188         4.0           3337         7.0         5.0         1.7         1.7         9         6.1         2.1         1.18         6.0         5.3         1.18         4.0           3337         7.0         5.0         1.7         7.7         9         6.1         2.0         7.0         6.0         5.3         1.18         4.0           3337         7.0         5.0         1.7         7.0         6.0         5.3         1.18         4.0           3337         7.0         5.0			•	22.8		13.4	6	9	3.4	S	31	188	3.00	.313	
3131         5.95         50.6         6.4         39.6         1.5         .8         6.1         1.0         6.31         .10         3.0         0.0         1.0         3.0         1.0         3.0         0.0         1.0         0.0         1.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	.188		m	39.0		26.9	1.2		5.3		31	.188	2.00	.313	
250T         6.39         53.3         7.2         44.0         1.6         6.1         1.88         6.25         .188         5.25         .188         4.00           331         6.0         37.3         6.6         28.1         1.2         .8         6.1         2.16         6.31         .188         4.00           331         7.0         56.2         28.4         1.7         .9         6.0         2.13         6.25         .188         4.00           331         7.0         56.2         1.7         .9         6.0         2.13         .188         4.00           331         7.0         56.2         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.13         1.0         6.0         2.1         1.0         6.0         2.1         1.0         6.0         2.1         1.0         6.0         2.1         1.0         6.0         2.1         1.0         6.0			9	9.05	4.9	39.6	1.5	••	2.9		31	.188	2.00	.313	
3131         6.60         45.7         7.1         36.4         1.6         6.8         5.1         1.94         5.2         1.0         6.31         .188         4.00           3131         7.00         57.3         8.5         5.1         1.7         .9         6.1         2.00         6.31         .188         4.00           3137         7.00         57.3         8.6         1.6         1.7         .9         6.1         2.13         6.31         .188         4.00           3137         7.6         4.6         1.6         1.6         1.7         .9         6.1         2.13         6.31         .188         4.00           3137         7.6         4.6         1.2         1.6         1.7         .9         6.1         2.13         6.31         .188         4.00           3137         9.15         1.0         7.6         1.1         7.6         1.1         6.9         2.2         6.31         .188         4.00           3137         9.10         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 </td <td></td> <td></td> <td>m</td> <td>53.3</td> <td>7.2</td> <td>44.0</td> <td>1.6</td> <td></td> <td>6.1</td> <td></td> <td>52</td> <td>.188</td> <td>3.00</td> <td>.250</td> <td></td>			m	53.3	7.2	44.0	1.6		6.1		52	.188	3.00	.250	
7.3137	-		9	45.7	7.1	36.4	1.4		5.1		52	.188	4.00	.250	
3131         7.00         57.3         8.3         50         7         1.7         9         6.1         2.15         6.31         .188         3.80           3137         7.26         49.6         8.4         43.0         1.5         .9         6.1         2.19         5.31         .188         4.00           3137         8.0         9.5         10.3         6.6         1.0         1.0         6.0         2.5         9.1         2.19         5.31         .188         4.00           3137         9.15         70.3         11.0         76.4         1.1         6.0         2.50         7.31         .250         3.00           4.381         9.5         6.4         11.0         76.4         1.0         76.4         2.5         1.0         7.31         2.50         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         <			8	37.3	9.9	28.1	1.2		4.2	•	31	.188	4.00	.313	
2501         7.24         58.2         6.6         52.9         5.25         5.8         5.2         5.8         5.8         1.7         .9         6.0         2.13         6.25         .180         4.00           3137         8.09         62.5         10.3         6.8         1.7         .9         5.1         2.18         6.9         1.18         4.00           3137         8.09         62.5         10.0         5.6         1.7         1.0         6.0         2.13         .188         4.00           4337         9.15         10.0         5.6         1.7         1.0         6.1         2.9         7.31         .280         5.00           3337         10.0         5.6         1.2         1.2         6.0         2.9         7.0         2.5         3.00           3337         10.0         7.5         1.2         1.2         6.0         3.13         6.0         5.0         3.00           3347         10.0         7.5         1.2         1.2         6.0         3.13         6.0         5.0         3.00           3348         10.0         1.2         1.2         1.2         1.2         1.2         1.	-		-	57.3	8.3	20 2	1.7		6.1	•	31	.188	3.00	.313	
3337         7.45         49.6         8.4         43.0         1.5         .9         5.1         2.19         5.31         .186         4.00           3337         8.50         56.5         10.3         61.6         1.0         5.0         2.50         5.31         .186         4.00           3337         9.50         51.6         1.0         1.0         5.0         2.50         5.31         .186         4.00           4.377         9.50         5.0         1.0         1.0         5.0         2.50         5.0         9.0           3.37         1.0         1.0         5.0         2.2         6.9         7.0         2.50         3.0           3.37         1.0         1.0         5.0         2.2         6.9         6.31         2.50         3.0           3.37         1.0         1.0         5.0         2.2         1.2         7.0         3.3         2.5         3.0           3.37         1.0         6.0         2.2         1.2         6.0         3.3         2.5         3.0           3.37         1.0         6.0         1.0         1.0         5.0         5.0         3.0         3.0	-		2	2.85	8.6	52.8	1.7		0.9	7	52	.188	00-4	.250	
3137         8.09         62.5         10.3         61.8         1.0         6.0         2.38         6.31         .108         6.00         6.31         .108         6.00         6.31         .108         6.00         6.31         .108         6.00         6.31         .108         6.00         6.00         6.31         .108         6.00         6.00         6.31         .108         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6			•			43.0	1.5	6.	5.1	-:	31	.188	00-7	.313	
3137         9.56         1.7         1.0         5.0         2.50         5.31         10.8         5.00         4.31         4.45         7.34         11.0         76.6         1.7         1.1         6.9         2.69         7.31         2.50         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00<	-		•			61.8	1.8	1.0	6.0		31	.188	00 - 4	.313	
3137         9.15         70.9         11.0         76.4         2.0         1.1         6.9         2.69         7.31         .250         3.00           43387         9.55         64.4         11.0         76.4         2.0         1.1         6.9         2.80         7.31         .250         3.00           3337         10.20         76.6         13.2         10.2         7.6         2.94         6.31         .250         3.00           3337         10.00         83.0         13.2         10.2         7.6         2.94         6.31         .250         3.00           3337         10.00         87.6         13.5         96.2         1.2         7.6         3.13         8.30         8.00           3337         10.6         17.6         13.2         2.6         1.2         6.8         3.13         8.00         8.00           3347         11.05         80.6         15.4         132.9         2.6         1.3         6.7         3.31         8.0         8.0         8.0         8.0           3347         11.05         80.6         15.4         1.2         6.8         3.31         8.0         8.0         9.0	-		e.			9.05	1.7	1.0	2.0	.5	31	.188	2.00	.313	
4,38T         9,55         64,4         11,3         68,5         1,9         1,1         6,1         2,91         6,4         250         3,00           3,375T         90,79         74,4         12,3         2,2         1,1         6,9         2,98         7,30         250         3,00           3,33T         10,20         77.5         13,6         94,0         2,2         1,2         6,9         3,10         7,4         250         3,00           4,38T         10,40         77.5         13,6         94,0         2,2         1,2         6,9         3,10         7,4         250         3,00           3,375T         10,6         67.6         13,6         96.8         15,4         13,2         2,2         1,2         6,9         3,10         7,4         250         3,00           3,375T         11,0         96.8         15,7         120,1         2,5         1,3         6,7         3,31         2,50         3,00           3,37         11,0         96.8         15,7         1,3         6,7         3,31         3,4         250         3,00           3,37         11,0         10.0         1,3         1,3	-		7		:	76.4	2.0	1:1	6.9	9	31	.250	3.00	.313	
337 9.79 74.4 12.3 15.3 2.1 1.1 6.9 2.88 7.38 .250 3.00 3387 10.00 83.8 13.2 10.5.3 2.2 1.2 6.9 3.00 7.31 .250 3.00 4.387 10.00 83.8 13.2 10.5.3 2.2 1.2 6.9 3.06 7.44 .250 3.00 4.387 10.40 77.5 13.6 94.0 2.2 1.2 6.9 3.06 7.44 .250 3.00 3.371 10.85 89.8 15.7 120.1 2.5 1.3 7.8 3.13 8.38 .250 3.00 3.337 11.25 80.2 15.5 113.8 2.3 1.3 7.7 3.25 8.31 .250 3.00 3.337 11.25 80.2 15.5 113.8 2.3 1.3 7.7 3.25 8.31 .250 5.00 3.337 11.49 110.8 17.1 116.9 2.7 116.9 9.31 .250 5.00 3.337 11.49 110.8 17.1 116.9 2.7 116.9 2.7 1.5 0.5 3.31 8.44 .250 5.00 3.337 12.10 93.8 15.7 16.2 154.8 2.8 1.5 8.5 9.44 .250 5.00 3.337 12.10 93.8 18.2 173.1 3.0 1.6 8.5 3.56 8.31 .250 5.00 3.337 12.20 98.1 21.5 173.1 3.0 1.6 8.5 3.56 8.31 .250 5.00 3.357 12.40 97.8 2.3 17.1 17.2 2.9 1.5 6.5 3.98 8.38 .250 5.00 3.3757 14.45 101.8 23.2 17.2 2.9 1.7 7.4 4.19 9.34 .250 5.00 3.3757 14.45 101.8 23.2 17.7 2.9 1.7 7.4 4.19 9.44 .250 5.00 3.3757 14.45 101.8 23.2 17.7 2.9 1.7 7.4 4.19 9.44 .250 5.00 3.3757 15.30 115.3 22.2 17.2 2.9 1.7 7.4 4.19 9.44 .250 5.00 3.3757 15.30 115.3 22.2 17.2 2.9 1.7 7.4 4.19 8.44 .250 5.00 3.3757 15.30 115.3 22.2 17.2 2.9 1.7 7.4 4.19 8.44 .250 5.00 3.3757 15.30 115.3 22.2 17.2 2.9 1.7 7.4 4.19 8.44 .250 5.00 3.3757 15.30 115.3 22.2 17.3 2.9 8.3 1.9 9.3 2.5 1.0 9.3 2.5 1.0 9.3 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.5 1.0 9.3 2.	=		5		:	68.5	1.9	1:1	6.1	•	*	.250	3.00	. 438	
3137         10.00         83.8         13.2         102.3         2.3         1.2         7.8         2.94         8.31         2.50         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00	=	•	9.7		2	85.3	2.1	1:1	6.9		38	.250	3.00	.375	
3131         10.20         7.51         2.50         4.00           4,351         10.20         7.51         13.5         90.5         2.2         1.2         6.9         3.00         7.31         250         3.00           3,351         10.60         67.6         14.6         132.9         2.6         1.0         8.6         3.13         8.31         250         3.00           3,137         11.05         89.6         15.7         120.1         2.6         1.0         8.6         3.13         8.31         250         3.00           3,137         11.25         90.0         15.7         120.1         2.5         1.0         7.7         3.25         8.31         250         3.00           3,137         11.25         91.0         16.1         124.7         2.7         1.4         7.8         3.31         8.44         250         3.00           3,137         11.25         91.0         16.7         1.6         2.7         1.6         8.5         3.5         9.34         250         3.00           3,137         12.0         1.6         2.7         1.6         8.5         3.5         9.34         250         3.00	= :	•				102.3	2.3	7.5	8.	6	31	.250	3.00	.313	
4381         10.64         67.5         13.6         94.0         2.2         1.2         6.9         3.10         6.44         2.50         3.00           3137         110.64         67.6         14.6         113.7         2.4         1.3         6.9         3.10         6.9         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         3.10         6.0         6.0         3.10         6.0         3.10         6.0         3.10         6.0         6.0         3.10         6.0         3.10         6.0         6.0         3.10         6.0         6.0         6.0         3.10         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0		•	2.0			90.3	2.2	1.2	9.9	-	31	•250	00-4	.313	
3137         110.05         96.0         15.4         113.7         2.6         1.4         0.6         3.15         0.50         0.55         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.5         0.0         0.0         0.5         0.0         0.0         0.5         0.0	- 1		•			**	7.7	7.		-	*	1620	20.0	2	
3137 11.05 89.4 15.7 120.1 2.5 1.3 7.7 3.25 9.31 .250 4.00 .337 11.25 91.0 16.1 124.7 2.5 1.4 7.8 3.31 8.44 .250 3.00 .337 11.25 91.0 16.1 124.7 2.5 1.4 7.8 3.31 8.44 .250 3.00 .337 11.25 91.0 16.1 124.7 2.5 1.4 7.8 3.31 8.44 .250 3.00 .337 11.90 102.7 10.2 16.2 15.2 1.4 7.8 3.31 8.44 .250 3.00 .337 11.90 102.7 10.2 16.2 2.7 1.5 8.6 3.38 9.38 .250 3.00 .337 12.10 93.8 18.2 16.7 2.9 1.5 8.5 3.5 9.44 .250 3.00 .337 12.10 93.8 18.2 173.1 3.0 1.5 7.5 3.56 9.44 .250 3.00 .337 12.95 107.6 21.1 176.3 3.0 1.6 8.5 3.75 9.38 .250 4.00 .337 12.95 107.6 21.1 176.3 3.0 1.6 8.4 3.81 9.31 .250 5.00 .4387 13.49 99.1 20.5 173.1 2.6 1.5 6.6 3.94 7.44 .250 5.00 .4387 13.49 97.5 13.49 97.5 22.6 190.4 3.1 1.7 8.4 4.19 9.44 .250 5.00 .4387 14.25 101.8 23.0 190.4 3.1 1.7 7.4 4.19 8.44 .250 5.00 .4387 14.39 90.8 23.0 149.3 2.7 1.6 8.5 4.30 7.44 .250 5.00 .4387 14.39 90.8 23.0 149.3 2.7 1.6 8.5 4.30 7.44 .250 5.00 .373 14.39 11.3 11.3 11.3 11.3 11.3 11.3 11.3 1	-		•	90	÷ u	200		2.1	•		2 4	250	20.5	2012	
4387       11.25       80.2       15.5       113.0       2.3       1.3       6.7       3.31       8.44       2.50       3.00         4387       11.25       91.0       16.1       124.2       2.7       1.5       8.6       3.31       8.44       2.50       3.00         4387       11.50       102.7       18.2       154.8       2.8       1.5       8.6       3.36       9.34       2.50       3.00         4387       12.1       104.5       18.7       1.5       2.6       1.5       9.44       2.50       3.00         3757       12.2       107.1       20.5       173.2       2.6       1.5       9.44       2.50       3.00         3757       12.2       107.1       20.5       173.2       2.6       1.5       3.3       2.50       3.00         3757       12.9       107.1       20.5       173.2       3.0       1.6       8.4       3.81       9.31       2.50       5.00         4387       12.0       10.0       1.5       3.0       1.6       8.4       3.81       9.31       2.50       5.00         4387       13.40       10.0       1.5       3.0	5 6			400		200	2 .				1 .	250		2 4 4 6	
4351       11.25       91.0       15.1       124.7       2.5       14.4       7.8       3.31       8.44       .250       3.00         3351       11.49       100.6       17.1       146.9       2.7       1.5       6.6       3.36       9.34       .250       3.00         4387       12.10       106.5       18.7       160.7       2.9       1.5       8.6       3.36       9.34       .250       3.00         3337       12.10       106.5       18.2       157.2       2.6       1.5       3.56       9.44       .250       3.00         3337       12.75       10.9       1.5       2.6       1.5       3.56       9.31       .250       4.00         3337       12.9       10.9       1.7       3.0       1.6       3.3       3.6       8.0       8.5       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0       8.0 <td< td=""><td>5 6</td><td></td><td></td><td></td><td></td><td></td><td></td><td>? .</td><td></td><td></td><td>1 .</td><td>250</td><td></td><td>210</td><td></td></td<>	5 6							? .			1 .	250		210	
3137     11.49     102.7     166.8     2.7     1.5     6.6     3.36     9.34     .250     3.00       3137     12.10     104.5     16.7     16.8     2.8     1.5     6.6     3.56     9.44     .250     3.00       3137     12.10     93.8     18.2     137.2     2.6     1.5     3.56     9.44     .250     3.00       3757     12.75     107.1     20.5     137.2     2.6     1.5     3.75     9.34     .250     4.00       3757     12.95     107.6     21.1     176.3     3.0     1.6     6.6     3.8     9.3     .250     4.00       4387     13.19     96.1     20.6     131.9     2.6     1.6     7.5     3.06     8.3     .250     4.00       4387     13.6     9.3     1.5     9.3     1.5     9.0     4.00     9.4     .250     5.00       4387     14.6     10.6     13.9     2.6     1.5     3.9     1.7     7.4     4.19     9.44     .250     5.00       4387     14.9     10.6     23.2     172.2     2.9     1.7     7.4     4.19     9.44     .250     5.00       4387     14.			, ,	91.0	: ,	200	2.5	2 -	4.6		1 1	250	200	424	
3.37       11.90       102.7       18.2       154.8       2.8       1.5       8.5       3.50       9.31       .250       4.00         4.387       12.10       104.5       18.7       160.7       2.9       1.5       8.6       3.56       9.44       .250       3.00         4.375       12.10       19.8       18.2       173.1       3.0       1.6       8.5       3.56       9.31       .250       5.00         4.375       12.95       107.6       21.1       176.3       3.0       1.6       8.5       3.75       9.38       .250       5.00         4.375       13.40       97.5       19.9       131.9       2.6       1.6       7.5       3.60       8.3       .250       5.00         4.387       13.40       87.5       19.9       131.9       2.6       1.5       3.90       8.4       .250       5.00         4.387       14.0       87.5       19.0       1.7       7.4       4.0       9.44       .250       5.00         4.387       14.0       112.0       23.9       190.1       3.1       1.7       4.19       8.44       .250       5.00         4.387       14			1	100.8		4	2.7					250	200	375	
4381       12.10       104.5       18.7       160.7       2.9       1.5       8.6       3.56       9.44       .250       3.00         .3757       12.10       93.8       18.2       137.2       2.6       1.5       7.5       3.56       8.31       .250       5.00         .3757       12.95       107.6       21.1       176.3       3.0       1.6       8.5       3.75       9.38       .250       5.00         .3757       13.19       96.1       20.8       155.3       2.8       1.6       7.5       3.80       8.38       .250       5.00         .4387       13.60       110.7       22.6       190.8       3.1       1.7       8.4       4.00       9.44       .250       5.00         .4387       14.04       112.0       23.9       190.1       3.1       1.7       8.4       4.00       9.44       .250       5.00         .4387       14.65       101.8       23.2       172.2       2.9       1.7       7.4       4.19       8.44       .250       5.00         .4387       14.89       101.8       23.2       172.2       2.9       1.7       7.4       4.19       8.44       <		112	6	102.7		54.	2.8	1.5	8.5	2	31	.250	00 -4	313	
3137         12.10         93.8         18.2         137.2         2.6         1.5         7.5         3.56         8.31         .250         5.00           .3137         12.75         107.1         20.5         173.1         3.0         1.6         8.5         3.75         9.36         .250         4.00           .3137         12.95         107.6         21.1         176.3         3.0         1.6         8.5         3.75         9.36         .250         5.00           .4387         13.49         155.3         2.6         1.6         7.5         3.96         7.44         .250         5.00           .4387         13.40         37.5         1.9         1.9         3.1         1.7         8.6         4.00         9.44         .250         5.00           .4387         14.06         112.0         23.9         198.1         3.1         1.7         6.19         9.44         .250         5.00           .4387         14.25         101.5         23.2         178.2         2.9         1.7         7.4         4.19         8.44         .250         5.00           .4387         14.45         101.8         23.2         174.7	-		2.1	104.5		160.7	2.9	1.5	9.6	.5	3	.250	3.00	.438	
.3757 12.75 107.1 20.5 173.1 3.0 1.6 8.5 3.75 9.36 .250 4.00 .3137 12.95 107.6 21.1 176.3 3.0 1.6 8.4 3.81 9.31 .250 5.00 .33757 13.19 98.1 20.8 155.3 2.8 1.6 7.5 3.80 8.38 .250 5.00 .4387 13.60 110.7 22.6 190.4 3.1 1.7 8.4 4.00 9.44 .250 5.00 .3757 14.04 112.0 23.9 190.4 3.1 1.7 8.4 4.13 9.44 .250 5.00 .4387 14.25 101.5 23.2 172.2 2.9 1.7 7.4 4.19 8.4 .250 5.00 .4387 14.45 101.8 23.8 174.7 2.9 1.7 7.4 4.19 8.4 .250 5.00 .4387 14.45 101.8 23.0 149.3 2.7 1.6 6.5 4.38 7.44 .250 6.00 .3757 14.59 90.8 25.7 219.6 3.3 1.9 8.2 4.40 9.44 .250 5.00 .3437 15.30 115.9 26.7 219.6 3.3 1.9 8.2 4.50 9.38 .250 6.00 .3757 15.4 120.8 25.3 231.3 3.3 1.9 9.2 4.53 10.38 .313 4.00 .313	0		2.1	93.8	8	137.2	5.6	1.5	7.5	.5	31	.250	5.00	.313	
3131     12.95     107.6     21.1     176.3     3.0     1.6     6.4     3.81     9.31     .250     5.00       .3757     13.19     98.1     20.8     1.6     7.5     3.80     8.38     .250     5.00       .4387     13.40     87.5     19.9     131.9     2.6     1.9     7.44     .250     5.00       .4387     14.04     112.0     23.9     190.4     3.1     1.7     6.6     3.94     .250     6.00       .4387     14.05     101.5     23.9     190.4     3.1     1.8     6.3     6.13     9.34     .250     5.00       .4387     14.65     101.6     23.9     172.2     2.9     1.7     7.4     4.19     9.44     .250     5.00       .4387     14.65     101.8     23.0     149.3     2.7     2.9     1.7     7.4     4.19     8.34     .250     5.00       .4387     14.69     90.6     23.0     149.3     2.7     2.9     1.7     7.4     4.19     8.34     .250     5.00       .4387     14.69     90.6     23.0     149.3     2.7     2.9     1.7     7.4     4.10     9.44     .250     5.00	0		2.7	107.1		173.1	3.0	1.6	8.5		38	.250	4.00	.375	
3757     13.19     98.1     20.8     155.3     2.8     1.6     7.5     3.80     8.35     .250     5.00       4,387     13.40     87.5     19.9     131.9     2.6     1.5     6.6     3.94     7.44     .250     5.00       3,438     14.6     12.0     23.9     190.4     3.1     1.7     6.0     9.38     .250     4.00       4,387     14.0     14.2     23.2     172.2     2.9     1.7     7.4     4.19     9.44     .250     5.00       3,387     14.6     101.8     23.0     174.7     2.9     1.7     7.4     4.25     8.36     .250     5.00       4,387     14.6     91.6     23.0     149.3     2.7     2.9     1.7     7.4     4.25     8.36     .250     6.00       4,387     14.5     91.6     23.0     149.3     2.7     1.6     6.5     4.38     7.44     .250     6.00       4,387     15.10     115.3     27.2     222.0     3.3     1.9     9.2     4.50     9.36     .250     6.00       3,757     15.7     120.8     25.3     231.3     3.3     1.9     9.2     4.53     10.38     3.3 </td <td>0</td> <td></td> <td>2.9</td> <td>107.6</td> <td>1.</td> <td>176.3</td> <td>3.0</td> <td>1.6</td> <td>9.4</td> <td></td> <td>31</td> <td>.250</td> <td>5.00</td> <td>.313</td> <td></td>	0		2.9	107.6	1.	176.3	3.0	1.6	9.4		31	.250	5.00	.313	
4387     13.40     87.5     19.9     131.9     2.6     1.5     6.6     3.94     7.44     .250     5.00       .3757     14.04     112.0     23.9     190.4     3.1     1.8     0.3     4.13     9.34     .250     4.00       .4367     14.04     112.0     23.2     172.2     2.9     1.7     7.4     4.19     0.44     .250     5.00       .3757     14.49     101.8     23.0     174.7     2.9     1.7     7.4     4.25     8.36     .250     6.00       .4367     14.99     9.0     23.0     114.93     2.7     219.6     3.3     1.9     8.2     4.44     .250     6.00       .4367     14.89     9.0     14.99     14.7     7.4     4.25     8.30     .250     6.00       .4367     15.0     15.0     25.0     14.9     3.2     1.9     8.2     4.4     9.44     .250     6.00       .4367     15.3     115.9     27.2     222.0     3.3     1.9     8.2     4.50     9.34     .250     6.00       .3757     15.7     120.8     25.3     231.3     3.3     1.9     9.2     4.50     9.38     .313     4	-		3.1	98.1		155.3	2.8	1.6	1.5		38	.250	2.00	.375	
.4367 13.60 110.7 22.6 190.4 3.1 1.7 8.4 4.00 9.44 .250 4.00 .3757 14.04 112.0 23.2 198.1 3.1 1.8 8.3 4.13 9.38 .250 5.00 .4367 14.25 101.5 23.2 172.2 2.9 1.7 7.4 4.19 8.44 .250 5.00 .3757 14.45 101.8 23.8 174.7 2.9 1.7 7.4 4.25 8.38 .250 6.00 .4367 14.89 90.6 23.0 174.7 2.9 1.7 7.4 4.25 7.44 .250 6.00 .4367 15.30 115.9 26.7 219.6 3.3 1.9 8.2 4.36 7.44 .250 6.00 .3757 15.30 115.9 27.2 222.0 3.3 1.9 8.2 4.50 9.38 .250 6.00 .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.53 10.38 .313 4.00 .	-		3.4	87.5	6	131.9	5.6	1.5	9.9	6.	3 3	.250	2.00	.438	
.3757 14.04 112.0 23.9 198.1 3.1 1.8 8.3 4.13 9.38 .250 5.00 .438 14.25 101.5 23.2 172.2 2.9 1.7 7.4 4.19 8.44 .250 5.00 .438 14.25 101.8 23.8 174.7 2.9 1.7 7.4 4.19 8.44 .250 6.00 .438 14.89 90.8 23.0 149.3 2.7 1.6 6.5 4.38 7.44 .250 6.00 .438 14.89 90.8 26.7 219.6 3.3 1.9 8.2 4.44 9.44 .250 5.00 .438 15.10 115.9 27.2 222.0 3.3 1.9 8.2 4.50 9.38 .250 6.00 .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .	0		3.6	110.7	5	190.4	3.1	1.7	4.6		*	.250	4.00	.438	
.4387 14.45 101.5 23.2 172.2 2.9 1.7 7.4 4.19 8.44 .250 5.80 .3757 14.45 101.8 23.8 174.7 2.9 1.7 7.4 4.25 8.38 .250 6.00 .4387 14.49 90.8 23.0 149.3 2.7 1.6 6.5 4.38 7.44 .250 6.00 .3757 15.10 115.8 26.7 219.6 3.3 1.9 8.2 4.44 9.44 .250 5.00 .3757 15.30 115.9 27.2 222.0 3.3 1.9 8.2 4.50 9.38 .250 6.00 .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.53 10.38 .313 4.00 .			;	112.0	3	198.1	3.1	1.8	8.3	7	38	.250	2.00	.375	
.3757 14.45 101.8 23.8 174.7 2.9 1.7 7.4 4.25 8.38 .250 6.004387 14.89 90.8 23.0 149.3 2.7 1.6 6.5 4.38 7.44 .250 6.004387 15.10 115.9 26.7 219.6 3.3 1.9 8.2 4.44 9.44 9.45 .250 5.003757 15.30 115.9 27.2 222.0 3.3 1.9 9.2 4.50 9.38 .250 6.003757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .	õ		4.2	101.5	3	172.2	5.9	1.7	1.4	-	4 4	.250	2.00	.438	
.4367 14.89 90.8 23.0 149.3 2.7 1.6 6.5 4.38 7.44 .250 6.00 . .4387 15.10 115.8 26.7 219.6 3.3 1.9 8.2 4.44 9.44 .250 5.00 . .3757 15.30 115.9 27.2 222.0 3.3 1.9 8.2 4.50 9.38 .250 6.00 . .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .	0		:	101.8	3	174.7	5.9	1.7	1.4	N	38	.250	6.00	.375	
.4387 15.10 115.8 26.7 219.6 3.3 1.9 8.2 4.44 9.44 .250 5.00 . .3757 15.30 115.9 27.2 222.0 3.3 1.9 8.2 4.50 9.38 .250 6.00 . .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .	-		4.3		3	149.3	2.7	1.6	6.5	2	\$	.250	6.00	. 438	
.3757 15.30 115.9 27.2 222.0 3.3 1.9 6.2 4.50 9.36 .250 6.00 . .3757 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .			5.1		9	219.6	3.3	1.9	8.2	4	*	.250	2.00	.438	
37 3751 15.74 120.8 25.3 231.3 3.3 1.9 9.2 4.63 10.38 .313 4.00 .	0	•	5.3			222.0	3.3	1.9	8.2	5	38	.250	6.00	.375	
	m	.37	5.7		u	231.3	2 2		0	u	4	***			

.688 IN. PLATE (AREA= 16.07 SQ.IN.)

APEA	20.0	20.7	2 40	2.46	200	1.50	2.53	34.5	3.50		200	3.56	3.76	000	61.0	200	3.92	3.50	4.96	3.21	3.19	4.93	4.98	3.52	3.50	5.01	3.21	4.93	4.98	3.52	5.11	4.93	4.98	4.96	5.11	4.98	96.4	6.67	69.9	4.98	96.4	6.67	6.72	7.54	
H THICK	4.3			275	424	200	434	375					0000			500	2000	0000	.531	.563	.500	694.	· 58¢	.563	.500	•656	.563	694.	•65.	.563	969.	.469	165.	.531	.656	.594	.531	.531	165.	.594	.531	.531	.656	.531	105
WIDTH	2-00				200		2.00	6.00			•	20.00	•	200					* .	7.00	8.80	2.00	4.00	7-00	9.00	4.00	8.00	6.80	2.00	8-00	5.00	2.00	6-00	2.00	9.00	7-00	9.00	2.00	2.00	9-00	9.00	6.00	2.00	2.00	6-80
THICK	250	202	250	213	250	213	250	313					215	210	210	.375	. 515	.313	.375	.313	. 313	.375	.375	.313	.313	.375	.313	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.436	.438	438
DEPTH	7.44		1	10.4	77.	10.50	14.0	10.38			10.44	10.20		***	•			10.50			9.50	15.47	12.59	10.56		12.66	9.56	12.47	12.59		12.66	15.47	12.59		12.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53	14.66	16.53	14.59
AREA					20.0	2.13	2.33	2.4	2	200	200	2.3	21.0	61.0	10.0	0.0	0.50	20.0	6.63	6.75	6.81	48.9	99.9	7.06	7.13	7.13	7.31	7.31	7.47	7.63	7.78	7.78	9.00	8.22	***	9.56	8.75	8.78	60.6	9.25	9.58	9.31	9.41	99.6	0 4 0
YF	4											•				10.5		6.0	10.4	2.6	2.6	10.3	10.4	8.4	8.3	10.3	2.5	10.1	10.1	8.2	10.1	6.6	6.6		5.0	9.7		11.5	11.4	4.6	9.4	11.3	11.3	12.9	
d.								2.2							2.5	2.5	200	7.7	2.6	5.6	5.6	5.9	5.9	5.9	5.9	3.0	2.8	3.1	3.2	3.1	3.3	3.3	4.6	3.5	3.5	3.6	3,7	3.7	3.9	3.8	3.8	4:0	4.0	4.3	
02	2.8	2		3.5	2	2	4.5	3.7					,		•	? .		:	*	3.8	3.8	4.5	4.5	4.2	4.2	4.6	3.9	4.7	4.7	* . *	4.0	**	6.	*	2.0	5.1	5.1	2.4	5.5	2.5	2.5	5.5	2.6	6.1	
INERTI	166.2	252.0	246	261.1	215.7	272.9		289.5	310.6	200	2.015		340	20.40	2000	411.5	2000	20100	438.9	334.2	335.7	6.654	466.3	411.9	414.9	492.7	363.8	506.1	554.5	448.8	9.955	9.055	580.4	593.3	616.8	633.8	639.4	715.7	756.2	684.5	684.9	791.5	797.6	961.3	
ZFL	25.2	27.7	30.5	20.0	20.2	30.1	34.5	32.8	35.1	36.4		100	10.01			29.6		20.0	1.24	43.7	44.3	44.7	44.9	49.2	20.0	47.7	48.7	2005	51.8	64.9	55.3	22.1	28.7	9.0	6.29	2.59	9.99	2.29	2.99	72.5	73.1	4.69	70.3	74.6	76. 9
ZPL	9.10	124.6	110.6	126.9	104.2	128.0	122.9	129.9	133.0		1 250	1 30 - 1	137.2	131.00	0.631	154.6	3 5	140.5	157.7	128.5	128.3	159.9	160.9	143.4	143.4	163.7	131.0	164.4	166.5	146.3	169.5	168.3	171.1	6.171	174.0	175.0	175.1	192.6	196.1	178.2	178.0	197.8	199.3	222.1	2 ,00
HT/FT	32		16.50	17.00	17.20				10.14		19.22	<b>-</b> c	20.00	24 45	21.43	61.09	01.22	*6.22	\$6.22	55.95	23.15	23.26	23.39	24.00	24.24	54.24	54.85	24.85	25.40		26.45	26.45	27.40	66.72	28.70	59.44	29.75	29.82	30.91		31.55				
SIZE	AZAT						4.4.F	1775	F007	7.287	1004	1000	1000	1000	1000		1002		.5311	. 5631	-500T	1694.	1965.	.5631	.500T	.656T	.563T	1694	. 594T	.563T	.656T	1694.	1465.	.5311	19591	1965 .	.5311	.5311	1965.	1965·	.531T	. 531T	.656T	.531F	E0 LT
NOMINAL S		12.12	250/	12.12	250/	18.18	2501	313/	1	31.3	313	212	72.2	213	225	1010	1010	210	.3/5/	.313/	.313/	.375/	.375/	. 313/	.313/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.375/	1615	13/5/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	.438/	438/
NON	77 77	**		0 X			XZ XB											X .												10X 8X															

9	SHEAR	AREA	5.01	7.57	6.72	7.54	7.60	69.9	6.67	7.57	7.62	1.54	69.9	6.67	7.57	7.54	7.62	7.60	7.57	7.54	7.62	7.60	9.67	7.57	8.78	9.64	9.70	6.72	7.62	7.60	9.67	1.57	7.62	7.60	9.70	9.78	9.70	9.67	9.64	-	-	9.67	-	9	~
	u.	IMICK	.656	200	.656	.531	.656	.594	.531	.594	.719	.531	.594	.531	*65*	.531	.719	.656	*65*	.531	.719	.656	.656	.594	.875	.594	.719	.656	.719	•656	.656	*66.	10	.656	.719	.875	.719	.656	.594	.875	.719	• 656	.875	.656	.719
	LAND	-	•		6-00	-	5.00	-	-	-	-			-	7.00	8.00		7.00	-	9-00	7.00		2.00	9-00	2.00	9.00	2.00	10-00	9.00	9.00	00-9	20.01		10.00	7.00	6.00	8.00	9.00	10.00			10-00			
	1	HICK	.375		630	.438	.438	.438	.438	.436	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	. 500	.438	.500	.500	. 500	.438	.438	6436	. 500	054.	074	438	.500	.500	.500	.550	.500	.500	.500	.500	.500	.500	.500
*** BEAN		DEPTH	12.66	16.50	1 4	5	16.66	5	14.53	5	-	5	14.59	14.53	16.59	16.53	16.72	16.66	16.59	16.53	16.72	16.66	18.66	16.59	16.88	18.59	18.72	14.66	16.72	16.66	18.66	10.59	16.72	16.66			~	9	.5	•	٠.	9		9	~
	1	AREA	•	0.0	10.06	10.19	10.28	10.28	10.38	10.56	10.59	10.72	10.88	10.01	11.16	11.25	11.31	11.59	11.75	11.78	12.03	12.25	12.28	12.34	12.38	15.56	15.59	15.69	12.75	15.91	12.94	12.94	12.67	13.56	14.03	14.25	14.75	16.41	16.95	15.13	15.47	15.56	16.00	16.22	16.91
	•	-	•	12		12.	12.	10.		12.	12.	12.	10.	10.	12.	12.	12.	15.1	12.0	11.9	12.0	11.9	13.9	11.8	12.3	13.7	13.8	10.1	11.7	11.6	13.6	11.5		11.3	13.1	13.2	12.8	12.7	12.	12.	12.	12.	12.	12.	-
	-				4.3			;		•	3	;	*			5.1	5.1	5.5												· .				9	•	•						9	7.	7.	
	•	*	2.5	2.3	5.8	6.3	4.9	5.8	5.9	6.4	6.5		6.0	6.0			6.7	2.9			•	•	~	•	•			•	-					. ~		7.	7.								•
		INEKITA	1.63.1	1013.0	875.0	1045.2	1064.2	897.0	0	3	1114.5	1124.7	963.1	963.6	1190.7	1200.4		1255.5	1273.1	273.	1319.8	1344.9	1427.8	1352.8	1269.6	16.	87.	1150.0	414.	.624	9	-	:	1511.2	in	-	•	1870.0	:	19.	28		2050.3	62.	9
31 1100	מסחות ש	747	2.07	79.2	19.0	82.7	93.7	82.2	3.	88.2	88.3			90.06	37.2	98.8	3.66	103.5	106.1	106.8	110.0	113.5	102.9	115.1	103.3	108.0	107.9	114.0	120.8	123.4	113.9	124.5	131.8	133.2	132.0	135.0	144.0	146.9	147.9	149.5	55.	5	164.0	89	90
: : :	SECTION.	747	10101	225.9	204.6	227.9	229.5	205.7	206.0	231.8	232.8	232.8	5.602	209.3	236.7	237.0	238.8	240.4	241.0	240.8	243.8	244.7	261.0	244.8	540.9	263.7	564.6	218.8	248.0	248.3	9.792	221 2	261.7	251.6	277.0	279.6	281.9	282.4	282.2	285.3	286.1	288.2	290.2	289.6	293.3
	:	- !	2	9 5	34.20	92	35	35	6	90	=	2	6	6	*	2	2	=	2	2	0	2	2	9	6	2	=		2	68.	000	2 2	9	6.10	0	2	15	69	0	:	20	30	04.4	5.15	64.2
101		, CE	1960.	1965	.656T	.531T	.656T	1465.	.531T	1465.	.719T	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.656T	•	•	•	•		•	•	.656T	•	•	•
I THEN		INAL S		438/		.438/	.438/	.438/	.438/	.438/	.430/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	2005.	.438/	-500/	2005	.500/	.438/	.438/	.438/	1005.	1054.	438/	.438/	.500/	.500/	.500/	.5007	.500/	1005.	1005.	1005.	1005.	1005.	1005.
	70.	HON .	164 64	16x 5x	14X 6X	16X 6X	16X 5X	14X 7X	14X 8X	16× 6×	16X 5X	16X 7X	14X 8X	14X 9X	16X 7X	16X 8X	16X 6X	16X 7X	16X 8X	16x 9x	16X 7X	16X 8X	16X 5X	16x 9x	16X 5X	18X 6X	18X 5X	14×10×	16X 8X	16x 9x	16X 6X	101101	16Y 9X	16×10×	16X 7X	18X 6X	18X 8X	18X 9X	18X10X	18x 7x	18X 9X	18X10X	18X 8X	18X11X	18×11×

	SHEAR	AREA	9.70	9.70	14.10	14.82	14.10	14.02	14.10	14.26	14.10	17.59	14.10	17.59	14.10	17.76	17.59	17.76	17.59	17.59	17.76	21.61	21.43	21.61	21.43	21.61	21.61	25.43	28.06	27.84	28.06	27.84	28.06	35.19	35.07	37.82	35.07	38.07	38.44	35.07
	NGE	THICK	.719	.875	.875	.75	.875	.750	.875	1.125	.875	.875	.875	.875	.875	1.125	.875	1.125	.875	.875	1.125	1.125	.875	1.125	.875	1.125	1.125	1.375	1.375	1.125	1.375	1.125	1.375	1.500	1.375	1-125	1.375	1.375	1.750	1.375
TONS	•	HIDIM	12.00	10-00	8.00	10.00	9.00	11.00	10-00	9.00	12-00	9.00	13.00	10-00	14.00	8.00	11.00	9-00	12.00	13.00	11-00	9-0	11.00	9-00	12-00	10.00	11.00	9.00	10.00	13.00	11.00	14.00	14.00	10.00	11-00	13.00	13,00	11.00	10-00	16,00
DIMENSIONS	WEB	THICK	.500	.500	.625	.625	.625	. 625	.625	.625	.625	.688	.625	.688	. 625	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000	1.000	1.000	1.000
BEAM					21.88		21.88	21.75	21.88	22.13	21.88	24.88	21.88	24.88	21.88	25.13	24.88	25.13	24.88	24.88	25.13	28.13	27.88	28.13	27.88	28.13	28.13	28.38	31.38	31.13	31.38	31.13	31.38	34.50	34.38	37.13	34.38	37.38	37.75	34.38
******		AREA	17.63	17.75	20.13	20.63	21.00	21.38	21.88	23.25	23.63	24.38	24.50	25.25	25.38	25.50	26.13	26.63	27.00	27.88	28.88	29.25	29.88	30.38	30.75	31.50	32.63	36.00	*0.00	40.88	41.38	45.00	45.50	48.00	48.13	50.63	50.88	51.13	53.50	25.00
		YF	11.6	11.9	14.1	13.8	13.8	13.5	13.4	13.2	12.9	15.4	12.6	15.0	12.4	15.2	14.7	14.8	14.5	14.2	14.1	16.7	16.3	16.4	16.0	16.0	15.6	15.8	16.9	16.5	16.5	16.2	15.5	18.2	18.0	19.5	17.3	19.6	19.5	16.4
		44	7.6	7.7	8.5	1.9	8.8	6.0	9.1	9.6	9.7	10.2	10.0	10.5	10.2	10.6	10.8	11.0	111.1	11.4	111.7	12.1	12.3	12.5	12.6	12.8	13.2	13.3	15.1	15.4	15.5	15.7	16.6	17.0	17.0	16.3	17.7	18.5	19.5	18.7
		œ	8.2	9.5	9.0	9.1	9.5	9.5	9.3	9.5	9.4	10.2	9.6	10.3	9.6	10.4	10.4	10.5	11.5	10.6	10.7	11.4	11.4	11.5	11.5	11.6	11.7	11.6	12.8	15.8	15.8	15.8	13.0	13.7	13.7	14.7	13.8	14.7	14.9	14.0
		INERTIA	2259.7	2291.0	2945.8	3024.7	3105.2	3158.7	3259.0	3515.0	3540.3	4211.3	3673.5	4401.4	3799.8	2-9844	4583.6	4722.7	4760.7	4929.8	5153.3	5889.6	6011.3	6177.1	6227.6	6.8449	6709.5	6967.6	9150.6	9291.1	9473.8	9571.0	10445.0	12018.4	12022.6	14327.5	12818.8	14579.3	15514.7	13897.7
	MODOLUS	ZFL	131.8	192.9	208.2	219.5	225.7	233.9	242.4	266.0	274.9	2.472	291.4	292.5	307.7	295.4	310.9	319.2	329.4	347.9	365.8	351.7	368.7	377.8	399.1	403.5	458.4	441.6	538.6	264.4	572.6	595.5	674.8	8.099	666.1	735.5	739.6	745.4	606.3	849.3
	SECTION	742	2962	296.0	347.1	349.3	352.5	353.6	357.3	365.9	365.3	412.6	368.8	418.4	371.9	421.9	423.5	458.4	428.3	432.6	439.3	487.8	490.1	495.5	1.364	502.4	2.905	524.3	602.6	605.0	610.3	611.0	629.6	6.904	706.4	781.4	722.8	7.187	888.3	743.1
		HT/FT	\$6.65	60.35	68.44	70.14	71.40	72.69	74.39	79.05	80.34	85.89	83.30	85.85	86.29	86.70	68.84	96.06		94.79	98.19	69.66	101.59	103.29	404.55	107.10	110.94	122.40	136.00	138.99	140.69	142.80	154.70	163.20	163.64	172.14		173.84		
		SIZE					1878F	T057.	1878. 1	.625/1.1257	7878. 1				7 .875T	.668/1.125T	7878.	.688/1.125T	.688/ .875T	18781	71-1257	.750/1.1257	.7507 .875T	.750/1.125T	1578. 1027.	.750/1.1257	11-1251	.875/1.375T	.875/1.3757	.875/1.125T	.875/1.3751	.875/1.125T	.875/1.3757	11.500T	11.3751	71-125T	11.375T	11.375	11.750T	11-3751
		NOMINAL	. 501	18X10X .500/		21X10X .625/	21X 9X .625/	11X					21X13X . 625/		_	24X 8X .658/	11×		12X	24X13X .688/	1x		11X				11X						30X14X .875/	33X10X1.000/1.500T	33X11X1.000/1.3751	16×13×1.000	33X13X1.000/1.3751	36x11x1.000/1.375	36X10X1-000/1-75	33x16x1.000/1
																														,								.,		

0.6875 - 11/16 in.

SECTION HOUGHUS  12.7 14.		AREAR	64	.62	64.	.62	.95	1.13	.76	1.14	1.33	1.32	1.13	-95	1.33	1.32	1.14	1.33	1.14	20.		.03	12.	20.	50.	97.	25	05	.30	.53	.52	. 55	1.27	. 53	25.	97.	.05	62.	200	000	97.	50.2	56.7	. 53	8.40
Section Hodglus  Nettall Size  Note that Size																																								0.			-	2	2
MUNITAL SIZE  MIPE SECTION HORULUS  MIPE SEC		THIC	10	.18	.18	.18	.31	.25	.31	.31	.31	.25	.25	.31	.31	.25	.31	.31.	.31	.31	.43	.37	. 31	.31			10.	3	43	.37	.31	.43	.31	.37	.31		2	?	?	?		. 43	£4.	.375	37
MOMINAL SIZE  ZECTION MODULUS  NEXTEX  ZECTION  ZECTIO	S	MIDTH	2.00	2.00	3-00	3-00	2.00	2.00	3-00	2-00	2-00	3.00	4.00	4.00	3.00	4.00	4.00	00-4	2.00	3.00	3.00	3-00	3.00		3-00	3-00		5.00	3.00	3.00	4-00	3.00	2.00		2.00	2000	2.00		200	2000	000	9	2.00	6.00	00 7
NOMINAL SIZE  2X 1257 1881 2-55 1844 2-8 6 9 6 9 6 9 75 34 98 33 1257 1881 2-55 1844 2-8 6 9 6 9 6 9 75 34 98 35 1257 1881 2-55 1844 2-8 6 9 9 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	DIMENS	THICK	125	.125	.125	.125	.188	.188	.166	.188	.188	.100	.188	.188	.166	.188	.108	.188	.188	.250	.250	.250	.250	.250	•250	052.	250	.250	.250	.250	.250	.250	.250	.250	.250	067.	062.	0000	057.	0000	0620	052.	.250	.250	2113
NOMINAL SIZE  2X .125/ .1867		DEPTH	3.19	4.19	3.19	4.19	4.31	5.25	3.31	5.31	6.31	62.9	5.25	4.31	6.31	6.59	5.31	6.31	5.31	7.31	9.44	7.38	8.31	7.31	*	0.30	10.6	7.31	9.44	9.38	9.31	9.44	8.31	9.38	9.31	0.00	*		2.00		000	***	9.44	9.38	10.38
NOMINAL SIZE  2X 125/ 1887  2X 126/ 1887  2X	****	APFA	75		.94	1.06	1.38	1.44	1.50	1.56	1.75	1.88	1.34	2.00	5.06	2.13	5.19	2.38	2.50	5.69	2.81	2.88	2.94	3.00	3.06	3.13	3.19	3.31	3.31	3.38	3.50	3.56	3.56	3.75	3.61	2.00	200			61.4	4.67	200	****	4.50	1.63
SECTION HODULUS  ZX 125/ 1887		4		*:	3.4	4.4	4.5	2.4	3.5	2.4	6.3	2.9	5.5	4.3	2.9	6.1	2.5	6.1	2.5	2.0	2.9	7:1	6.	-	7.	:			6.2	9.9	4.1	0.0	1.1	9.6	9.0	:						200	6.5	4.6	4.6
NOMINAL SIZE  NOMINAL SIZE  NOMINAL SIZE  NOMINAL SIZE  NICS/ 1887 2.99 22.2 2.6 11.5  3X 1257 1887 2.99 22.2 2.6 11.5  2X 1257 1887 3.131 4.69 22.2 2.6 11.5  2X 1887 3131 5.95 29.0 4.0 1.6.0  2X 1887 3131 5.95 24.3 7.3 45.3 1  3X 1887 2507 6.90 27.4 7.3 45.3 1  4X 1887 3131 5.95 54.3 7.3 45.3 1  4X 1887 3131 6.00 62.1 8.4 52.2 27.3 1  5X 2507 3131 10.20 85.3 12.5 8.8 1  5X 2507 3131 10.20 85.3 13.8 97.2 1  5X 2507 3131 10.64 97.6 11.2 70.9 1  5X 2507 3131 11.25 10.1 11.5 70.9 1  5X 2507 3131 12.1 11.25 10.1 15.3 10.6 1  5X 2507 3131 12.1 11.3 10.6 11.5 7  5X 2507 3131 12.1 11.3 10.6 11.6 11.6 11.7 6  5X 2507 3131 12.1 11.6 1  5X 2507 3131 12.1 10.6 1  5X 2507 3131 12.2 1  5X 2507 3131 13.4 1  5X 2507 3131 13.4 1  5X 2507 3131 12.2 1  5X 2507 3131 13.4 1  5X 2507 3131 14.5 1  5		ď	5	.5	.5	9.	9.	9.	9.		•	•	•		••	6.	•		6.	-	1:0	1.1	1:1	:		7.1		1.2	1.3	1.3	1:4	1.4	1.3	1.5	1.5							1.5	1:1	1.7	1.8
NOMINAL SIZE  NOMINAL SIZE  NOMINAL SIZE  NICST - 1887  SX - 1257 - 1887  SX - 1267		•	, 9	•		6.	6.	1:1		1.2	1.4	1.5	1.3	1.2	1.6	1.6	1.4	1.7	1.6	1.9	1.8	2.0	2.2	2.1	7.7		2.5	2.2	2.4	5.6	2.7	2.7	5.5	2.8	2.8		•				•	9.7	201	3.1	3.2
SECTION MODULUS  2 x .125/ .1867		TNESTTA	6.9	11.5	9.0		16.0	24.3	14.1	27.8	40.8	45.3	37.6	29.5	52.3	54.5	44.6	63.9	55.5	18.9	6.02	88.1	105.5	93.3	97.2		13/-0	107.4	128.8	151.5	159.8	165.9	141.9	179.0	182.4	100.9	137.0	19/61		1		155.4	6-122	230.4	239.7
SECTION NOMINAL SIZE NT/FT 295 3X 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 125/ 1887 3 2 126/ 23137 4 2 188/ 23137 4 3 188/ 23137 5 26 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		ZEL		2.6	5.6	3.4	0.4	4.5	4.1	2.5	6.5	7.3	7.2	6.7	4.6	6.9	8.5	10.4	10.2	11.2	11.5	12.5	15.3	13.4	13.8	14.0	15.0	15.7	16.3	17.2	10.4	18.9	18.4	20.7	21.3	20.10	2000	24.1	20.00			53.3	6.92	51.5	25.6
NOMINAL SIZE NT. FT. C 2 55 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6		ZPL ZPL	16.4	25.2	17.7	26.7	59.9	37.9	24.0	41.4	54.3	57.4	49.3	40.2	62.1	63.3	53.9	68.5	58.3	78.0	71.0	82.3	93.0	84.3	199																				
NOM IN THE STATE OF THE STATE O		TAFT	2.55	2.99	3.20	3.60	69.4	1.90	5.10	5.30	5.95	6.39	6.60	6.80	7.00	7.24	7.45	8.09	8.50	9.15	9.55	9.79	10.00	10.20	10.40	10.01	11.05	11.25	11.25	11.49	11.90	12.10	12.10	12.75	12.95	13.19	13.40	14.	10.41	11.67		14.89	15.10	15.30	15.74
NOM IN THE STATE OF THE STATE O		32	1881	1881.	.188T	.188T	. 31 31	. 25 OT	.313T	. 31.3T	.3131	.250T	.250T	. 31 3T	. 31.3T	.250T	.313T	.3131	. 31 31	.3131	.438T	.3751	. 31.3T	.3131	-4381	1575	11 11	3137	.438T	.3751	.313F	-438T	.3131	.375T	.3131	1010	1004.	1757	1010	2264	10.10	.4581	.4381	.3751	.3751
TEXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			2	125/	125/	1521	.188/	188/	188/	188/	188/	188/	188/	188/	188/	188/	188/	188/	188/	7052	7052	2507	7052		782	1067	7887	250/	2507				2501				1067							1052.	.313/
		MON	ZX	2×	3×	×	2X	2X	3×	2X	2×	3×	4×	×	3×	×*	×	×	×	3×	3×	×	3×		3	*	4 ×	×	3				2×				¥ ?						×		×

.750 IN. PLATE (AREA= 19.13 SQ.IN.)

7 1.6 6.6 4.01 7.44 .250 3 1.9 8.3 4.00 10.30 .313 1.9 8.2 5.01 10.30 .313 1.9 8.2 5.01 10.30 .313 1.9 8.2 5.01 10.30 .313 2.0 8.2 5.01 10.30 .313 2.0 8.2 5.0 10.50 .313 2.0 8.3 6.0 6.3 10.50 .313 2.0 8.9 6.13 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.7 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.9 6.51 10.50 .313 2.0 8.0 8.0 8.0 12.57 .375 2.0 10.7 7.13 12.55 .315 2.0 10.1 7.7 12.59 .375 2.0 10.2 7.7 12.59 .375 2.0 10.2 7.7 12.59 .375 2.0 10.3 8.0 10.50 .375 2.0 10.4 7.7 12.59 .375 2.0 10.5 7.7 12.59 .375 2.0 10.5 7.7 12.59 .375 2.0 10.5 7.7 12.59 .375 2.0 10.5 7.7 12.59 .375 2.0 10.5 7.7 12.59 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.56 .375 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.44 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12.55 2.0 10.5 8.45 12	INFRTIA 26 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Z H J + = @ + In In @ + In @ In @ In & In & In & In & In & In &		11		12E -4381 16.59 -4381 16.59 -4381 16.59 -3751 17.08 -4381 17.08 -4381 17.08 -4381 17.08 -4381 17.08 -5801 19.55 -5831 20.28 -5831 22.54 -5831 22.54	
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2.6 7.9 6.81 9.56 2.6 10.6 6.81 9.56 12.6 7 6.88 12.6 7 7 6.88 12.6 7 7 6.88 12.6 7 7 6.88 12.6 7 7 6.88 12.6 7 7 6.88 12.6 7 7 6.88 12.6 7 7 6.8 10.5 6 10.5 6 10.5 6 10.5 6 10.5 6 10.5 6 10.5 6 10.5 7 7 8 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 6 10.5 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12.6 7 7 8 12	0 N H O H 4 D H 4 P H 4 P		**************************************		2.95 147.7 44. 3.26 183.4 45. 3.39 184.6 45. 4.00 165.1 49. 4.24 165.2 50.	5637 22.95 147.7 44. 5607 23.15 147.5 44. 5697 23.26 183.4 45. 5647 24.00 165.1 49. 5607 24.24 165.2 50. 5667 24.24 165.2 50.	3137 5631 22.95 147.7 44. 3137 5601 23.15 147.5 44. 3757 6691 23.26 183.4 45. 3757 5941 23.39 184.6 45. 3137 5601 24.24 165.2 50. 3757 6561 24.24 165.2 50.
2.6 10.6 6.8t 9.50 2.6 10.6 6.8t 12.57 2.6 10.7 7.06 10.59 2.7 10.7 7.13 10.56 2.8 10.6 7.13 10.56 2.9 10.5 7.87 12.59 3.0 10.5 7.67 12.59 3.1 10.2 7.78 12.59 3.1 10.1 8.26 12.59 3.3 10.0 8.6t 12.59 3.3 10.0 8.6t 12.59 3.5 11.8 9.09 14.53 3.5 9.6 9.25 12.59	N4044064044		\$ 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	********	3.15 147.5 44. 3.26 183.4 45. 3.39 184.6 45. 4.00 165.1 49. 4.24 165.2 50.	5007 23.15 147.5 44. 697 23.26 183.4 65. 5947 23.39 184.6 45. 5637 24.00 165.1 49. 5007 24.24 165.2 59. 6567 24.24 186.0 48.	.5007 23.15 147.5 445047 23.26 183.4 455047 24.39 184.6 455047 24.24 185.2 505657 24.24 186.0 46.
2.6 10.6 6.84 12.47 2.6 18.7 6.86 12.59 2.7 10.7 7.13 12.66 2.8 10.4 7.31 12.56 2.9 10.5 7.47 12.59 3.0 10.4 7.41 12.59 3.1 10.2 7.47 12.59 3.1 10.1 0.2 7.57 12.59 3.3 10.0 0.66 12.59 3.3 10.0 0.66 12.59 3.4 11.9 0.76 12.59 3.5 9.6 9.25 12.53 3.5 9.6 9.25 12.53	4044004044		m 10 h 10 m 01 m	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3.26 183.4 45.3 3.39 184.6 45.5 4.00 165.1 49.7 4.24 185.2 50.5 6.54 180.0 48.3	5947 23.26 183.4 45.3 5947 23.39 184.6 45.5 5637 24.00 165.1 49.7 5007 24.24 165.2 50.5 6567 24.24 188.0 48.3	.4697 23.26 183.4 45.3 .5947 23.39 184.6 45.5 .5637 24.00 165.1 49.7 .5007 24.24 165.2 50.5 .5567 24.24 180.0 48.3 .5637 24.85 150.9 49.2
2.6 18.7 6.86 12.59 2.7 10.7 7.13 10.56 2.8 7.6 7.13 10.56 2.9 10.5 7.43 12.66 3.0 10.4 7.31 12.66 3.0 10.5 7.47 12.59 3.1 10.2 7.47 12.59 3.1 10.2 7.47 12.59 3.1 10.1 8.20 12.59 3.3 10.0 8.64 12.66 3.4 11.8 9.09 14.53 3.5 9.6 9.25 12.53 3.5 9.6 9.25 12.53	0-40-4-		10 <b>5</b> 10 10 01 10	6 4 M 4 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M	3.39 184.6 45.5 4.20 165.1 49.7 4.24 185.2 50.5 4.24 180.0 48.3	5947 23.39 184.6 45.5 5637 24.00 165.1 49.7 5007 24.24 165.2 50.5 6567 24.24 188.0 48.3	.5947 23.39 184.6 45.5 .5637 24.00 165.1 49.7 .5007 24.24 165.2 50.5 .6567 24.24 188.0 48.3 .5637 24.85 150.9 49.2
2.6 6.7 7.15 10.56 2.5 10.7 7.13 10.50 2.6 10.4 7.13 10.50 2.9 10.5 7.47 12.66 3.0 10.5 7.47 12.59 3.1 10.2 7.47 12.59 3.1 10.1 8.22 12.53 3.3 10.0 8.66 12.59 3.4 11.8 9.09 14.59 3.5 9.6 9.25 12.53			- 10 m N m	500.00 500.00 500.00	4.24 165.2 50.5 4.24 165.2 50.5 4.24 188.0 48.3	5637 24.00 165.1 49.7 5007 24.24 165.2 50.5 6567 24.24 188.0 48.3	.5637 24.00 165.1 49.7 .5007 24.24 165.2 50.5 .6567 24.24 188.0 48.3 .5637 24.85 150.9 49.2
2.6 0.6 7.13 10.50 2.8 10.7 7.13 12.66 2.9 10.5 7.43 12.66 2.9 10.5 7.43 12.67 3.0 10.5 7.43 12.59 3.1 10.5 7.78 12.59 3.1 10.3 0.10 12.47 3.1 10.1 0.20 12.47 3.3 10.0 0.66 12.59 3.4 11.0 0.70 14.59 3.5 11.0 0.66 12.59 3.6 11.0 0.70 14.59 3.6 11.0 0.70 14.59 3.7 11.0 0.70 14.59	*00*04*		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		4.24 165.2 50. 4.24 188.0 48.	556T 24.24 165.2 50.	.5007 24.24 165.2 50. .6567 24.24 188.0 48. .5637 24.65 150.9 49.
2.7 10.7 7.13 12.66 2.9 10.4 7.41 12.47 2.9 10.5 7.47 12.95 2.0 10.6 7.47 12.95 3.0 10.6 7.43 10.56 3.1 10.2 7.48 12.66 3.2 10.2 7.78 12.65 3.3 10.0 6.06 12.59 3.4 11.9 6.76 12.59 3.5 11.8 9.09 14.59 3.5 9.6 9.25 12.53 3.5 9.6 9.25 12.53	004044		69.3 69.2	9 9	4.24 188.0 48.	656T 24.24 188.0 48.	.563T 24.24 180.0 48.
2.5 7.6 7.31 2.6 10.4 7.31 12.54 3.0 10.5 7.67 12.59 3.1 10.2 7.76 12.59 3.1 10.1 0.2 7.76 12.59 3.1 10.1 0.2 2.59 3.3 10.0 0.66 12.59 3.3 10.0 0.66 12.59 3.4 11.0 0.76 12.59 3.5 9.6 9.25 12.53 3.5 9.6 9.25 12.53	94044		50.8	69	4.85 150.0 to.	1.	.5631 24.85 150.9 49.
2.0 10.4 7.31 12.47 3.0 10.5 7.47 12.59 3.0 10.5 7.63 10.56 3.1 10.2 7.78 12.66 3.1 10.1 0.2 7.78 12.66 3.3 10.1 0.2 5.78 3.3 10.1 0.2 5.59 3.3 10.1 0.56 12.59 3.3 10.0 0.64 12.66 3.3 10.0 0.65 12.59 3.4 11.8 9.09 14.53 3.5 9.6 9.25 12.59	***		50.8		tones cont	5631 24.85 150.9 49.	
2.9 10.5 7.47 12.59 3.0 10.4 7.63 10.56 3.1 10.2 7.78 12.66 3.1 10.1 8.22 12.59 3.2 10.1 8.22 12.59 3.3 10.0 8.64 12.56 3.4 11.9 8.76 12.59 3.5 9.8 9.25 12.53 3.5 9.8 9.25 12.53	0 - 3 -				4.85 189.0 50.	24.85 189.0 50.	.469T 24.85 189.0 50.
2.6 6.5 7.63 10.56 3.10.56 3.10.56 3.10.56 3.10.1 6.2 7.70 12.66 3.10.1 6.2 7.70 12.59 3.3 10.0 6.66 12.59 3.3 10.0 6.66 12.59 3.3 10.0 6.66 12.59 3.4 11.9 6.76 12.59 3.5 11.8 9.09 14.59 3.5 9.6 9.25 12.59 3.5 9.6 9.25 12.59 3.5 9.6 9.25 12.59 3.5 9.6 9.25 12.59			55.4		5.40 191.4	25.40 191.4	.594T 25.40 191.4
3.0 10.4 7.75 12.66 3.1 10.3 0.02 12.47 3.1 10.1 0.20 12.47 3.2 10.2 0.44 12.66 3.3 10.0 0.66 12.59 3.4 11.9 0.76 12.53 3.5 11.0 0.75 12.53 3.5 11.0 0.75 12.53	*		55.5		5.94 168.7	25.94 168.7	.563T 25.94 168.7
3.0 10.2 7.76 12.67 3.1 10.1 0.26 12.59 3.2 10.1 0.44 12.59 3.3 10.0 0.66 12.59 3.4 11.9 0.76 12.59 3.5 9.0 0.76 14.53 3.5 9.6 9.25 12.59			26.0		6.45 195.1	26.45 195.1	.656f 26.45 195.1
3.1 18.3 8.06 12.59 3.2 18.2 8.44 12.56 3.3 19.0 8.44 12.56 3.3 19.0 8.66 12.59 3.4 11.8 9.09 14.53 3.5 9.6 9.25 12.59 3.5 9.6 9.25 12.59			56.4		6.45 193.7	26.45 193.7	.469T 26.45 193.7
3.1 10.1 8.22 12.53 3.3 10.0 8.66 12.55 3.4 11.0 8.75 12.59 3.5 11.8 9.09 14.53 3.5 9.8 9.25 12.59	2.4 0.609		59.4	59.	7.40 197.1 59.	27.40 197.1 59.	.5947 27.40 197.1 59.
3.2 18.2 8.44 12.66 3.3 18.0 8.66 12.59 3.4 11.9 8.75 12.53 3.5 11.8 9.09 14.59 3.5 9.8 9.25 12.59	;		61.5	61.	7.95 198.1 61.	27.95 198.1 61.	.5317 27.95 198.1 61.
3.3 10.0 0.66 12.59 3.4 11.0 0.75 12.53 3.5 11.0 0.70 14.59 3.5 9.6 9.25 12.59 3.5 9.6 9.25 12.59	3 4.		63.7		8.70 200.7	28.70 200.7	.656T 28.70 200.7
3.3 9.9 6.75 12.53 . 3.4 11.9 6.76 14.53 . 3.5 11.8 9.09 14.59 . 3.5 9.6 9.25 12.59 . 3.5 9.6 9.26 12.59	;		4.99		9.44 201.9	9.44 201.9	.5947 29.44 201.9
3.4 11.9 0.70 14.53 . 3.5 11.8 9.09 14.59 . 3.5 9.6 9.25 12.59 .	•		67.6		9.75 202.1	29.75 202.1	7 .531T 29.75 202.1
5 11.8 9.09 14.59 . 5 9.8 9.25 12.59 . 6 9.8 9.27 12.53	2.		63.1		9.85 221.5	9.85 221.5	.531F 29.85 221.5
5 9.8 9.25 12.59 5 9.8 9.26 12.53			67.1		0.91 225.7	0.91 225.7	.5941 30.91 225.7
5 9.8 9.26 12.53	6		73.4		62 502 54	62 502 54	.594T 31.45 205.9
			74.0		1.55 205.6	31.55 205.6	7 .531T 31.55 205.6
o the seal there	-		70.3		65 227.8	.5317 31.65 227.8	.5317 31.65 227.8
7 11.8 9.41 14.66 .			71.3		1.99 229.6	.6561 31.99 229.6	7 .656F 31.99 229.6
9 13.3 9.66 16.53	1009.2 5.9	-	15.1		2.84 255.7	.531T 32.84 255.7	.531T 32.84 255.7
4 11.6 9.69 14.59	71.2		75.2		95 231.9	594T 32.95 231.9	594T 32.95 231.9
44.7 9.72 14.72	80.6		75.2		06 233.2	7:07 33.06 233.2	7:01 11.05 211.2

			SECTION	HODOL U	5						MEB	ALL	NOE	SHEA
NOMINAL	SIZE	HIVET	74Z		INERTIA	œ	44	**	tal	4	THICK	HIDIM	THICK	AREA
R	7.656T	33.15	209.4	79.2	-	5.5	3.7		-	12.66	.375	-	.656	5.0
.438/	.53	4	233.1	77.6		5.5	3.8	15	•	5	.438	0	.531	9.9
.438/	•	33.90	260.2	9.00	1064.6	0.9	4:1	~	16.6	6.5	.438	5.00	165.	7.5
.438/			236.0	80.1	-		3.9	15	0	9	.438	0	.656	6.7
.438	•	34.65	262.6	94.0	:	6.1	4.2	_	-	5	.438	0	.531	7.5
.438/	•		564.5	95.0	:	2.9	4.2	~	N	9	.438	5.00	•656	7.6
.438	•		237.3	83.3		2.1	4.0		N	2	.438	0	.594	6.7
. 438/	•		237.7	84.8	:	5.7	4.0	m	m	5	.438	0	.531	9.9
.438	•		267.2	89.5		6.3	4.4		10	5	.438	0	.594	7.5
.438	1617.		268.4	99.6	1173.6	6.3	4.4	-	In	16.72	.438		.719	7.65
.438	7.531F		268.4	92.1	1184.9	6.3	4.4	6		5	.438	0	.531	7.5
. 438	1,694		241.9	91.4	1017.6	5.8	4.2	-	•	5	.438	0	165.	6.72
.438	.531T		241.7	92.0	1018.2		4.2	-	0	5	.438	0	.531	9.9
.438	1,994	37.94	273.1	98.6	256.	4.9	4.6	~	-	5	.438	0	*65.	7.5
8X .438	.5317		273.5	100.2	1267.0		4.6		11.25	10	.438	0	.531	7.5
•	7617.			100.6	1287.5		4.7		11.31	16.72	.438	6.00	.719	7.6
.438	1.656T	39.41	277.5	5	326.	9.9	4.0		11.59	16.66	.438		.656	7.6
.438	1465.	39.95		107.6	1345.8	9.9	4.8	15	11.75	5	.438	8.00	165.	7.5
.438	•	40.05	278.0		1346.6	9.9	4.0		11.78	5	.438	9.00	.531	7.5
. 438/	-	40.90	281.5	111.6	1396.4		5.0	15	12.03	-	.438	7.00	.719	7.6
.438	•	41.65	282.6	3		2.9	5.0	3	12.25	9	.438	0.00	.656	7.6
.500/	•	41.75	300.3	104.6	1506.1	6.9	5.0		12.28	9	.500	2.00	.656	9.71
.438	T+65.	41.96	282.7	116.7	1432.8	2.9	5.1	2	m	16.59	.438	9.00	*65*	7.5
.5007	•	45.83	277.5	104.9	34	6.5	4.8		12.38	16.88	.500	2.00	.875	8.8
2007	•	42.70	303.4	109.8	1559.0	7.0	5.1	~	15.56	18.59	.500	6.00	165.	9.6
2005	.71	45.81	304.6	103.7		7.0	2.5	m	15.59	18.72	.500	2.00	.719	9.7
.438/	•	43.15	253.1	115.5	1222.2	6.2	4.0	9	15.69	14.66	.438	10.00	.656	6.7
. 438/	•	43.35	286.5	122.5	*664	6.9	2.5	~	12.75	16.72	.438	8.00	.719	1.6
.438/	•	43.89	:	1521	1516.9	6.9	5.3	-	15.91	16.66	.438	9.00	.656	7.63
.500/	•	44.00	306.0	115.8	1634.0	7.1	5.3	-	15.34	8.6	.500	6.00	• 656	9.7
0x -438/	•	00 - 55	286.7	126.0		6.9	5.3		15.94	6.5	.438	10.00	.594	7.5
. 438/	. 65	45.36		124.2	1288.8	6.3	2.0		13.34	4.6	.438	11.00	.656	6.7
.438/	•	45.80	91.	133.6		7.0	5.5	0	13.47	6.7	.438	8.00	.719	1.6
•	•	46.10	590.9	135.1	1606.4	7.0	5.5	0	13.56	16.66	.438	10.00	.656	7.6
78 .5007	•	47.70	319.1	134.2		4.7	2.8	13.7	14.03		.500	7.00	.719	9.74
•	•	*	352.2	137.2	.699	1.5	2.9	13.8		18.88	.500	6.00	.875	9.6
•	•		324.9	146.3	1964.3	7.6	9.0	13.4		_	.500	8.00	.719	9.7
.500/	•	9.	325.5	149.3	96.	1.6	6.1	13.3	6		.500	9.00	.656	9.71
.500/	•		325.3	150.2	-	7.6	6.1	13.2	14.94	S	.500	10.00	165.	9.6
2007	.87		328.8		89.	7.7	6.2	13.4			.500	2.00	.875	9.8
.500/	•		329.9		83.		6.3	13.2	3.	-	.500	9.00	.719	9.74
.5	.65	95.90	330.0	160.2	m		6.3	13.1	15.56	9	.500	10-00	69	9.7
	.87	24.40	334.6	166.7	2183.9	7.9	6.5	13.1	0	18.88	.500	8.00	.875	9.6
.5	.65		334.0	171.6	-		4.4	12.4	-	4	200	11.00	. 656	
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.750 IN. PLATE (AREA = 19.13 SR.IN.)

.750 IN. PLATE (AREA = 19.13 SQ.IN.)

		SECTION	RODULUS	S						MEB	FLA	FLANGE	SHEAR
NOMINAL SIZE	HTIFT	742	ZFL	INERTIA	œ	4	46	AREA	DEPTH	THICK	HIDIM	THICK	AREA
-	\$6.65	341.9	134.9	2416.6	8.1	7.1	12.4	17.63	18.72	.500	12.00	.719	9.74
.508/ .87		343.9	196.0	2450.4	8.2	7.1	12.5	17.75	16.66	.500	10.00	.875	9.82
		397.7	213.3	3141.9	6.9	4.9		20.13	21.88	.625	00-9	.875	14.14
. 625/	70.14	4.00.2	223.8	3229.2	9.0	8.1		20.63	21.75	.625	10-00	.750	14.06
.625/		403.9	230.1	3317.1	9.1	8.2		21.00	21.88	.625	9.00	.875	16.14
11X .625/	72.69	4.05.3	238.3	3376.8	9.1	8.3	14.2	21.38	21.75	.625	11.00	.750	14.06
	74.39	4.09.5	247.0	3486.7	9.5	9.5	7	21.88	21.86	.625	10-00	.875	14.14
.625/1		419.4	271.3	3768.7	9.6	9.0	6	23.25	22.13	.625	9.00	1.125	14.30
12X .625/		418.8	288.2	3798.7	9.4	9.1	13.6	23.63	21.88	.629	12.00	.875	14.14
X6	82.89	470.5	280.0	4498.8	10.2	9.6	16.1	24.38	24.88	.688	9.00	.875	17.63
.625/		422.8	296.9	3947.2	9.5	9.3	13.3	24.50	21.88	.625	13.00	.875	14.14
.688/		477.0	238.7		10.3	6.6	15.0	25.25	24.88	.688	10-00	.875	17.63
•	86.29	456.4	313.5	4.086.4	9.6	9.6	13.0	25.38	21.88	.625	14.00	.875	14.14
•	86.70	461.0	301.8	4799.2	10.4	10.0	6	25.50	25.13	.688	8.00	1.125	17.81
X11X .688/ .875T	88.84	482.9	317.4	4.9064	10.4	10.2	5	26.13	24.88	.688	11.00	.875	17.63
24x 9x .688/1.125T	90.54	4.88.4	326.0	5060.0	10.5	10.4	5	26.63	25.13	.688	9.00	1.125	17.81
	91.80	4.88.3	336.3	5103.9	10.5	10.5	~	27.00	24.88	.688	12.80	.875	17.63
24X13X .688/ .875F	94.79	493.2	355.1	5291.3	10.6	10.7	6	27.88	24.88	.688	13.00	.075	17.63
24X11X .688/1.125T	98.19	500.0	373.5	5537.2	10.7	11.1		28.88	25.13	.688	11-00	1.125	17.81
	69.45	553.2	359.9	6296.7	11.4	11.4	2	29.25	28.13	.750	8.00	1.125	21.66
1x .		555.8	377.1	6432.0	11.5	11.6	17.1	29.68	27.88	.750	11.00	.875	21.47
	103.29	561.9	386.4	6612.1	11.6	11.8		30.36	28.13	.750	9-00	1.125	21.66
	104.55	562.2	397.8	2.6999	11.6	11.9	_	30.75	27.88	.750	12-00	.875	21.47
.750/1.12	107.10	2.695	412.6	6911.0	11.7	15.1		31.50	28.13	.750	10.00	1.125	21.66
	110.94	576.7	439.0	7198.6	11.8	15.5	16.4	32.63	28.13	.750	11.00	1.125	21.66
		591.5	452.3	7466.0	11.6	15.6	16.5	36.00	28.38	.875	9.00	1.375	25.49
		611.5	551.8	9771.5	12.9	14.4	17.7	10.00	31.38	.875	10-00	1.375	28.11
	138.99	680.2	578.0	9961.8	12.9	14.6	17.2	40.88	31.13	.875	13.00	1.125	27.90
		686.0	5995	10159.6	13.0	14.8	17.3	41.38	31.38	.875	11.00	1.375	28.11
	142.80	6.989	2.909	10269.9	13.0	15.0	16.9	45.00	31.13	.875	14.00	1.125	27.90
30X14X .875/1.375T	154.70	707.5	691.0	11231.8	13.2	15.9	16.3	45.50	31.38	.875	14.00	1.375	28.11
33X10X1.000/1.500T	163.20	788.3	67779	12846.7	13.8	16.3	19.0	48.00	34.50	1.000	10.00	1.500	35.25
33X11X1.000/1.375T	3.	787.8	663.1	12852.8	13.8	16.3	18.8	49.13	34.38	1.000	11.00	1.375	35.13
36X13X1.000/1.125T		868.9	754.2	15294.0	14.8	17.6	20.3	50.63	37.13	1.000	13.00	1-125	37.88
33X13X1.000/1.375T	172.99	805.8	758.1	13722.5	14.0	17.0	19.1	50.08	34.38	1.000	13.00	1.375	35.13
36X11X1.000/1.375T	173.84	875.8	764.6	15564.4	14.9	17.8	20.4	51.13	37.38	1.000	11.00	1.375	38.13
36×10×1.000/1.750T	181.90	1.898	827.0	16576.4	15.1	18.5	20.0	53.50	37.75	1.000	10.00	1.750	36.50
					-								

0.7500 - 3/4 in.

ANGE	THE		.188	.188	.188	.313	.250	.313		0 .313 1.35		1 .250 1.										.438 2.																	
DIMENSIONS +	1707.	2.0	2.00	3.00	3.0	2.00	2.0	3.0	2.00	2.00	3.0	4.0	*		4.0	4.0	5.0	3.01	3.00	3.00	9.0	3.0	3.00	3.00	4.0	2.0	3.0	4.0	3.00	2.00		2.5	2.0	4.0	5.01	2.00	9.9	9	2.0
N DINEN	1470	125	.125	.125	.125	.188	.186	.198	.188	.188	.188	.188	.100		188	.188	.188	.250	.250	.250	062.	.250	.250	.250	.250	250	.250	.250	.250	.250	.250	250	.250	.250	.250	.250	.250	.250	062.
SEAN	2000	3.10	4.19	3.19	4.19	4.31	5.25	3.31	5.31	6.33	6.55	5.25	4.31	6.25	5.31	6.31	5.31	7.31	9.44	7.38	10.0	7.66	8.38	9.31	6.31	1:31	9.38	9.31	9.44	8.31	9.38	10.5 A. 3A	7.44	9.44	9.38	9.44	8.38	1:0	
	A 2 G A	1	.88	-	-		4	.5	.5	-		•	2002	2000	2.19	2.38	2.50	5.69	2.81	2.88	56.2	3.06	3.13	3.19	3.25	3.31	3.38	3.50	3.56	3.56	•		3.94	-	-		4.25		
			4.5	3.5	4.5	4.6	5.5	3.6	5.5	6.5	4.9	2.4			2.5	6.3	5.3	7.3	4.9	7.3	2.0	7.3	8.2	9.1	9.1	100	9.1	9.0	9.1	8.0	9.0		7:1	6.9	8.8	9.0	7.9	2	
	9				9.	9.	9.	9.			••		•	•				6.	6.	1.0		1:0	1:1	1.1	1:1		1.2	1.2	1.2	1.2	1.0	2 -	1.2	1.4	1:4	1.4	1.4	1,53	1.5
	•	. "		9.	••	•	1.0		1.0	1.2	1.3	1.2	1:1	: :		1.5	1.4	1.7	1.6	1.8	1.5		2.1	2.2	2.1	2.5	2.3	2.4	5.4	2.3	5.5	2.5	2.2	5.6	2.7	5.5	5.5	2.3	9.0
	THEBTT	1	12.7				26.1		29.8					57.7				83.3		93.1	111.2	102.8	123.8	144.2	131.0	113.9	159.7	168.5	175.0	150.1	189.0	196.1	145.8	208.5	217.4	190.0	192.9	166.0	6.142
	751	200	2.8	6.2	3.6	4.3	4.8	4.4	5.4	6.7	7.5	1.4	5.			10.7	10.5	11.5	:	12.8	13.0	16.1	15.1	15.9	16.2	16.6	: 2				21.1	: .	20.6	3.	54.6	23.9	54.5	23.7	20.40
CEPTTON	701	15.4	23.3	18.9	28.2	32.1	40.8	26.1	6.44	2.65	63.7	24.6	6.50	21.2	60.6	78.2	9.99	90.06	82.0	95.7	100.0	100.9	115.1	128.1	118.3	105.0	134.8	138.2	141.0	156.1	145.8	140.7	118.8	152.3	154.7	139.9	140.6	125.2	161.6
	121	2.55		.20	9	69	06	01	30	95	33	9	9 0	2 4	2	60	20	15	22	9.79		10.40	9.0	0.85	1.05	6201	1.49	1.90	2.10	2.10	2.75	4.10	3.40	3.60	4.04	4.25	4.45	69.4	5.10
	6175	TARE						.313T	.313T	.3131	.250T	.250T	.3131	1076	3131	.3131	.3131	.313T	-438T	.3751	15151	-438T	.375T	.313F	.3131	. 5131	3751	.3131	-438T	.313T	.3751	1761	.438T	.438T	.37 ST	.438T	.375T	.43BT	1751
	OMTWA!	120			1521. )							188/						•	•	4 .250/	•	• •	•	•	•		• •	•		•	•	7067	•	•	•	•	•	•	/052. X
	-	2	4x 2x		4x 3				5x 5		6x 3		* * * *									7X 3X			1	X													

S		MODULUS							WEB	FLA	ANGE	SHEAR
-		ZFL	INERTI	œ	4	4 F	AREA	DEPTH	THICK	PT	THICK	
130	1.1	6	185.8	5.5	1.4	6.9	4.81	7.44	.250	0	.438	2.00
174		28.6		3.0	1.6	4.6	4.88	10.44	.313	4.00	.438	
169		31.5		3.0	1.6	1.9		9.44	.250	0	.438	
177		6.62		3.0	1.6		•	-	.313	5.00	.375	
152	6.	31.1		2.8	1.6			-	.250	7.00	.438	
180	9.	31.1	301.6	3.1	1.7		5.13	10.50	.313	0	.500	
175	4.	35.5	٠.	3.1	1.7	9.9		-	.250	7.00	.438	
184	4.	33.7	321.0	3.2	1.7	9.5	5.38	m	.313	6.00	.375	
189	6.	36.1	345.3	3.3	1.8	•	5.63	-	.313	2.00	.500	
191	*	37.4	354.4	3.3	1.9	9.5	5.75		.313		.438	.5
195	.5	39.3	373.8	3.4	1.9	9.5	5.34	5	.313	2.00	.563	
197	9	41.2	388.1	3.5	2.0	4.6	6.13	10.50	.313	6.00	.500	
197.	6	41.9	391.3	3.5	2.0	9.3	6.19	3	.313	7.00	.438	
181.	-	41.0	346.7	3.3	1.9	8.5	6.31	10	.313		.500	
221.	2	40.5	457.4	3.8	2.1	11.3	6.38	12.47	.375	4-00	694	
202		6.44	420.9	3.5		7.0	6.50	· u	213	6.00	563	
204			429.2	2.5			6.63	10.50	212	2.00	500	
227		2.5	١.0	0	2		2 4 4	. 2. 5.	375		224	
186							20.0	0 55			253	•
			2002						212		200	•
1001		42.0	:	•		2	10.0	3.00		0.0		•
. 167		2.00	: .		7.0	1::1	***	16.47	6360	00.6	504.	
636.		40.0	261.5	•	7.2	211	9.00	12.59	.375	-	*66.	•
5.602		20.6	466.1	3.8	2.2	2.6	7.06	10.56	.313	7.00	.563	3.58
1.602		21.0		2.0	7.7	1.6	1.13	10.50	. 313	-	.588	•
237.		5.64	N.	**	2.3	11.2	7.13	12.66	.375	00-4	• 656	•
191.	· .	50.1	;	3.5	2.2	8.3	7.31	9.56	.313	8.00	.563	
239.		51.8			4.2	11.0	7.31	12.47	.375	6.00	. 469	
242	6	53.5		4.2	4.2	11.0	7.47	12.59	.375	2.00	.594	5.05
512		26.5	:	3.9	5.4	9.1	7.63	10.56	.313	8-00	.563	
248		57.1	:	4.3	5.5	11.0	7.78	15.66	.375	2.10	• 656	
546	*	51.5	651.9	4.3	2.5	10.8	7.78	12.47	.375	7.00	694.	
251	2	9.09	:	4.4	5.6	10.8	9.00	15.59	.375	6.00	165.	2.05
252		2.29	2	4.4	2.7	10.7	8.22	12.53	.375	7.00	.531	•
526	*	65.0	701.5	4.5	2.7	10.8	9.44	15.66	.375	6.00	.656	2.08
258.	~	67.8	2	4.6	2.8	10.7	9.66	12.59	.375	2.00	.594	•
258.	9	69.0	6	4.6	2.8	10.6	8.75	12.53	.375	9.00	.531	•
282.	2	9.49		4.8	5.9	15.5	8.78	2	.438	2.00	.531	
287.	6	2.89	-	4.9	3.0		60.6	'n	.438	2.00	165.	•
264.	2	14.8	2	4.7	3.0		9.25	.5	.375	8.00	.594	•
264.		15.4	786.1	4.7	3.0	10.4	9.58	12.53	.375	9.00	.531	5.03
291		71.9			3.1		9.31	.5	.438	6.00	.531	
293		12.9	-	5.1	3.1	12.4	9.41		.438	2.00	.656	
326	•	17.5		5.5	3.3	14.1	99.6	.5	.438	5.00	.531	9
596	6.	6.92	9*446	5.1	3.2	12.3	69.6	14.59	.438	6.00	.594	6.77

.875 IN. PLATE (AREA = 26.03 SQ.IN.)

į	BEAT ULHENSLUNS			53 -438 7-00	16.59 .438 5.00 .594	66 .438 6.00 .	53 .438 6.00 .	. 65 .438 5.00 .	.438	438 8.00	. 436 6.00	. 438 5.00	53 .438 7-00	00.00	59 .438 7.00	53 .438 8.00 .53	6.72 .438 6.00 .	.438 7.00	.438 8.0	.438 9.00	2.00	8-66 -4-36 8-00 -6-36 8-65 8-65 8-65 8-65 8-65 8-65 8-65 8-6	.438 9.00	.500 5.00	.500 6.00	500 5.00 .71	10.01 0ch.	.438 9.00 .65	00-9 005- 99	65. 10.00 .59	11.00	56 .438 1	7500 7.00	78. 00.9 005. 88	17. 00.0 005. 57	9.00	29 .500 10.0	2.00	00.8 006. 57	20 00 00
			9.75	99.6	16.6	5 10.06	10.19	10.28	10.28	10.38	10.56	10.59	22	10.01	11.16	11.25	5 11.31	5 11.59	4 11.75	3 11.78	12.03	12.25	3.2 12.34	6 12.38	1 12.56	15.2 12.59 1	12.75	12.91	0 12.94	12.94	13.34	13.56	14.03	14.25 1	4 14.75 1	14.91	2 14.94 1	4 15.13		45 56
		ď	3.1					M	3.		~				3.	3.					3 4.2			2	;	4.4		;					_	~		m :				_
	311 1100	FL INERTIA R	7 840.7	3 965.1	3 1152.2	9 1001.5	9 1191.3	0 1213.7	1 1028.8	7 1039.6	6 1262.3	7 1274.4	6.7821 2	1111	1368.6	5 1	9 1403.6	1448.4	1470.8	1472.0	1528.2		1570.6 6.	1467.7 6.	1701.2	.7 1713.7 6.	1647.2	1667.9	1786.0	1668.9		1772-0	2020.6	2077.0	2164.9	2191.4	9.2612	.1622 6	4 2303.4	7 2116 4
51	SECTION MODI			-	~	•	•	8		•		344.6 91	346.7 34.		10	8 1	2 10	3 10	11		114	111			389.4 112.	390.9 112.7					351.6 126		13	6.4	15	12	12	12	-	426 7 164
03 SQ.IN.)		NT/FT	33.15	33.46	33.90	34.20	34.65	34.95	34.95	35.29	35.90	36.01	•	37.09	6	.2	38.45	39.41	39.95	40.05	6.	41.65	41.96	42.09	42.70	42.81		43.89	-	44.00	47.50	46.10	47.70	48.45	58.15	69.05		51.44		62 00
8		SIZE	100			•	/ .531T	•	•	•	•	•		• '	•	•		•	•	•	•			•	•		٠.	•	•	•	10200		•	•	•	•	. 59	•	•	1 6667
.075 IN. PLATE (AREA=		NOMINAL	8x .37		2×	×		5x .	×	. ×8	. x9	. X	164 /X -458/	X	×	8 X		× ×	. ×	× 6	×:	• •	, ×6	2x	. x9	18X 5X .500/	×	. x6		•		16X1 0X . 438/	•	•	•	. X6	5° X01		. XC	/ BY 4 0 V CO 4

	SHEAR	AREA	9.88	9.88	14.22	14.14	14.22	14.14	14.22	14.38	14.22	17.72	14.22	17.72	14.22	17.69	17.72	17.89	17.72	17.72	17.89	21.75	21.57	21.75	21.57	21.75	21.75	25.60	28.22	28.00	22.02	28.22	35.38	35.26	36.61	35.26	38.26	38.63	35.26
	NGE	THICK	.719	.875	.875	.750	.875	.750	.875	1.125	.875	.875	.875	.875	.875	1.125	.875	1.125	.875	.875	1.125	1.125	.875	1.125	.875	1.125	1.125	1.375	1.375	1.125	1.373	1.375	1.500	1.375	1.125	1.375	1.375	1.750	1.375
IONS	FLA	HIDIH	12.00	10.00	8.00	10.00	9.00	11.00	10-00	9.00	12.00	9.00	13.00	10.00	14-00	8.00	11-00	9.00	12-00	13-00	11-00	00-9	11-00	9.00	12-00	10.00	11.00	9.00	10-00	13.00	11.0	14.	10-00	11.00	13.00	13.00	11.00	10-00	16.00
M DIMENSIONS	WE8	THICK	.500	.500	• 625	.625	•625	.625	.625	. 625	.625	.688	.625	.688	.625	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.875	.875	.875		. 875	1.000	1.000	1.000	1.000	1.000	1.000	1.000
*** BEAM		DEPTH	18.72	18.88	21.88	21.75	21.88	21.75	21.88	22.13	21.88	24.88	21.88	24.88	21.88	25.13	24.88	25.13	24.88	24.88	25.13	28.13	27.88	28.13	27.88	28.13	28.13	28.38	31.38	31.13	31.30	21.15	34.50	34.38	37.13	34.38	37.38	37.75	34.38
		AREA		17.75	20.13	20.63	21.00	21.38	21.86	23.25	23.63	24.38	24.50	25.25	25.38	25.50	26.13	26.63	27.00	27.88	28.88	29.25	29.88	30.38	30.75	31.50	32.63	36.00	40.00	40.09	41.30	46.50	48.00	48.13	50.63	50.08	51.13	53.50	22.00
		YF	13.5	13.6	15.9	15.6	15.6	15.4	15.3	15.1	14.8	17.4	14.6	17.1	14.3	17.2	16.8	16.9	16.5	16.3	16.2	18.9	18.5	18.5	18.2	18.2	17.9	17.9	19.5	18.7	10.0	1 7 7	20.5	20.3	21.9	19.6	21.9	21.6	18.7
		YP	6.1	6.4	6.9	7.0	7.2	7.3	7.4	7.9	8.0	8.4	8.2	8.7	9.4	8.8	9.0	9.1	9.5	9.5	8.8	10.1	10.3	10.5	10.6	10.8	11.2	11.4	13.1	13.3	13.4	12.0	16.9	14.9	16.2	15.6	16.3	17.0	16.6
		ď	7.9	7.9	8.7	8.8	8.9	8.9	9.0	9.3	9.3	10.0	4.6	10.1	9.5	10.2	10.3	10.4	10.4	10.5	10.7	11.3	11.4	11.5	11.5	11.6	11.8	11.7	15.9	13.0	13.1	1301	14.0	14.0	15.0	14.2	15.1	15.3	14.5
		INERTIA	2696.2	2734.8	3496.1	3599.6	3701.6	3773.3	3901.9	4233.9	4273.6	5028.6	4451.9	5273.8	4622.6	5378.6	5511.1	5687.2	5743.3	6.9965	6257.3	7061.2	7223.8	7432.1	7504.1	7785.5	8127.5	8422.9	11033.6	11265.3	11494.0	12777.2	14481.8	14492.2	17210.9	15516.3	17520-1	18692.8	16922.3
	MODULUS	ZFL	199.8	201.0	220.0	230.7	237.2	245.6	254.7	279.8	288.7	289.7	305.9	306.9	323.0	312.3	328.2	337.3	347.6	367.0	386.3	373.6	391.1	401.0	412.5	428.1	455.3	470.6	274.6	601.4	9100	7.1.0	707	713.2	787.7	791.0	7.867	864.0	907.3
:	SECTION	ZPL	442.2	444.8	509.3	512.8	517.6	519.5	525.0	537.9	537.3	598.9	542.7	607.3	547.5	612.3	614.9	622.0	622.0	628.3	638.0	6.869	702.3	6.607	710.4	719.7	728.6	741.6	845.2	848.8	852.0	882.4	971.0	9.016	1065.4	992.2	1073.6	1100.2	1019.2
		HT/FT	16.65	60.35	68.44	70.14	71.40	72.69	74.39	79.05	80.34	82.89	83.30	85.85	86.29	86.70	88.84	90.54	91.80	64.46	98.19	99.45	101.59	103.29	104.55	107.10	110.94	122.40	136.00	138.99	140.69	154.70	163.20	163.64	172.14	172.99	173.84	181.90	187.00
		NAL SIZE	.5007 .719T		.625/ .875T	.625/ .750T	.625/ .8757	.625/ .750T	.625/ .875T	-	.625/ .875T	.688/ .875T	.625/ .875T	1578. 1889.	.625/ .875T	.688/1.125T	.688/ .875T	.688/1.125T	.6887 .875T	.688/ .875T	.688/1.125T	.750/1.125T	.750/ .875T	.750/1.125F	7518. 1057.	.750/1.125T	.750/1.125T	.875/1.375T	.875/1.375T	.875/1.1257	.8/5/1.5/5	875/1 275T	33X10X1,000/1,500T	33X11X1.000/1.375T	36×13×1.000/1.125T	33X13X1.000/1.375F	36X11X1.000/1.375T	36x10x1.000/1.750T	33X16X1.000/1.375T
		NOMINAL	-	18 X 1 0 X	21x 8x	21X10X	21x 9x	21X11X	21X10X	21X 9X	21X12X	x6 x42	21X13X	24X10X	21X14X	24× 6×	24X11X	24x 9x	24×12×	24×13×		27X 8X		27X 9X	27X12X	27X10X		27x 9x	30X10X	30×13×	30X11X	X41405	33x10x1	33X11X1	36X13X1	33X13X1	36X11X1	36×10×1	33X16X1

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6.0         2.2         11.5         7.78         12.66         .375         5.80         .656           6.1         2.2         11.3         7.78         12.47         .375         7.00         .469           7.1         2.3         11.3         8.06         12.53         .375         7.00         .469           7.2         2.4         11.2         8.66         12.53         .375         7.00         .594           8.2         2.4         11.2         8.66         12.59         .375         7.00         .594           8.2         2.6         11.1         8.75         12.59         .375         7.00         .594           8.6         2.5         11.1         8.75         12.53         .438         5.00         .594           8.6         2.5         13.0         9.25         12.53         .438         5.00         .594           8.7         2.6         11.0         9.25         12.53         .438         5.00         .594           8.7         2.6         11.0         9.25         12.53         .438         5.00         .594           8.7         2.6         11.9         9.25         <	3.6 2.1	543.5	57.3
4.0         2.2         11.3         7.78         12.47         375         7.00         .469           8.1         2.3         11.3         8.06         12.59         .375         6.00         .594           8.2         2.5         11.2         8.4         12.53         .375         7.00         .594           8.2         2.5         11.2         8.4         12.56         .375         7.00         .594           8.2         2.5         11.1         8.75         12.59         .375         7.00         .594           8.5         2.5         11.1         8.75         12.59         .375         8.0         .594           8.6         2.5         13.0         9.75         12.59         .375         8.0         .594           8.6         2.6         13.0         9.25         12.59         .438         5.00         .594           8.7         2.6         11.0         9.25         12.53         .438         5.00         .594           8.7         2.6         11.0         9.25         12.53         .438         5.00         .594           8.7         2.7         13.0         9.41         14	4.0 2.2	665.3	58.1
4-1         2-3         11.3         8.06         12.59         -375         6.00         -594           4-1         2-3         11.2         8-22         12.53         -375         7-00         -531           4-2         2-4         11.2         8-62         12.59         -375         7-00         -531           4-2         2-4         11.2         8-62         12.59         -375         7-00         -531           4-5         2-5         11.1         8-75         12.59         -375         8-00         -594           5         4-6         2-6         13-0         9-78         14-53         -436         5-00         -531           6         6-6         13-0         9-25         12.59         -436         5-00         -594           1         4-6         2-6         11.0         9-26         12.59         -436         5-00         -594           6         4-7         2-6         11.9         9-21         14-53         -436         5-00         -594           6         4-7         2-6         12-9         9-31         14-55         -436         5-00         -594           6	4.0 2.2	658.4	58.4
8         4-1         2-3         11.2         0.22         12.53         .375         7-00         .531           9         4-2         2-4         11.3         0.44         12.66         .375         6-00         .656           1         4-2         2-5         11.1         0.45         12.55         0.00         .659           1         4-3         2-5         13.0         0.78         14.53         .436         5.00         .594           1         4-6         2-6         13.0         9.25         12.59         .436         5.00         .594           1         4-6         2-6         11.9         9.26         12.59         .375         9.00         .594           1         4-6         2-6         11.9         9.28         12.59         .436         5.00         .594           4-7         2-6         12.9         9.21         14.53         .436         5.00         .594           4-7         2-7         13.0         9.41         14.56         .436         5.00         .531           4-6         5-1         2-9         14.6         9.69         14.59         .436         5.00	4.1 2.3	696.	61.6
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		1617.	.875T	.875T	.750T	1878.	.750T	.875T	125T	.875T	.875T		16/21	1878.	1878.	875T 875T 125T	8751 8751 1251 8751	8751 8751 1251 8751	8751 1257 8751 1257 1257		8751 1251 1251 1251 1251 1251 1251																	
		1005	2007	1529	1529	1529	1529	1529			1889				. 629/	-	.688/ .8751 .625/ .8751 .688/1.1251	.625/ .8751 .625/ .8751 .638/1.1251 .688/ .8751	***	688/1 688/1 688/1 688/1	6688/1. 6688/1. 6688/1. 6688/1.		688/ .8751 688/ .8751 688/ .8751 688/ .8751 688/ .8751 688/ .8751 688/ .8751 750/ .8751	688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 750/ 1251	.625/ .8751 .625/ .8751 .638/ .8751 .638/ .8751 .638/ .8751 .638/ .8751 .638/ .8751 .750/ .8751	688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 750/ 1251 750/ 8751	688/ 8751 688/1.1251 688/1.1251 688/ 8751 688/ 8751 688/1.1251 688/1.1251 750/ 8751 750/ 8751	688/ 8751 688/1.1251 688/1.1251 688/ 8751 688/ 8751 688/ 8751 688/ 8751 750/ 8751 750/ 8751	688/ .8751 688/ .8751 688/ .8751 688/ .8751 688/ .8751 688/ .8751 750/ .8751 750/ .8751 750/ .8751 750/ .8751 8750/ .8751	689/ 8751 688/1.1257 688/1.1257 688/1.1257 688/1.1257 688/1.1257 750/ 8751 750/1.1257 750/1.1257 750/1.1257 875/1.1257	688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 688/ 8751 750/ 11251 750/ 11251 750/ 11251 875/ 113751					### 1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997   1997	### 1999	### 1959, 9751  #### 1859, 9751  #### 1859, 9751  ##### 1859, 9751  ###################################
	081	*	*	*	1 BK .	ж.		*110x .	ä	K12K						32	322	3228	32258	*****	*****	********	*******	********	**********	***********	***********		************	3445554445444	***************************************	**************	***************************************	**************************************	**************************************	3 X X X X X X X X X X X X X X X X X X X	30	13 X X X X X X X X X X X X X X X X X X X

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NEBELLINE R YP YF AKEA DEPTH THICK HIDTH TRICK TO THE RANGE STATE										******	*** BEA4	DIMENSIONS	STONS	*******	
26.         3.7         AREA         DRPH         FACEA         AREA         DRPH         FACEA         AREA         DRPH         FACEA         AREA         AREA <t< th=""><th></th><th></th><th></th><th>SECT TON</th><th>유</th><th></th><th></th><th></th><th></th><th></th><th></th><th>HEB</th><th></th><th>ž</th><th>S</th></t<>				SECT TON	유							HEB		ž	S
25.1         3.5         11.5         -6         3.7         -75         3.19         -125         2.01         -188           25.1         3.5         15.5         -6         3.7         -75         3.19         -125         2.01         -188           35.2         5.4         13.6         -6         3.7         -96         3.19         -125         2.01         -188           29.1         5.4         13.6         -7         -7         -7         -166         5.25         -188         2.01         -188           29.1         5.4         13.6         -7         -7         -7         -7         -166         5.31         -188         2.01         -188           29.1         6.1         13.6         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7         -7	SIZE		4	ZPL		INERTIA	ď	YP	YF	AREA	DEPTH	THICK	HIDIM	THICK	-
25.1         3.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9         15.9	.188T		2.55	18.6	3.1	11.4		9.	3.1	.75	3.19	.125	2.00	.188	
6.6         31.5         6.7         7.7         6.7         1.0         6.1         1.0         2.1         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 <td>1881</td> <td></td> <td>2 20</td> <td>22 .</td> <td>2.5</td> <td>10.5</td> <td>•</td> <td>•</td> <td></td> <td></td> <td>4.19</td> <td>425</td> <td>2.00</td> <td></td> <td></td>	1881		2 20	22 .	2.5	10.5	•	•			4.19	425	2.00		
6.6         35.6         5.0         22.9         7         7         5.0         4.83         130         20.0         7         7         1.36         6.31         130         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00	1881		3.60	31.2	4.5	20.3				1.06	4-19	125	3-00	188	9
9,10         29,10         5-4         30.7         -0         -7         5-7         1-44         5-25         -100         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210         -210	.3131	_	4.69	35.6	5.0	*			4.8	1.38	4.31	.188	2.00	.313	1.0
5.10         2.0.6         5.3         19.9         .7         7.5         1.50         5.31         .188         2.0         .313         .50         .50         1.50         5.31         .188         2.0         .313         9.0         .7         1.75         6.31         .188         2.0         .313         9.0         .7         .7         1.75         6.31         .188         .9         .0         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         .7         <	.250	-	4.90	44.5	5.4				5.7	1.44	5.25	.188	2.00	.250	1.2
5,30         6,1         34,7         -9         -7         5,7         1,26         5,31         -188         2.00         -313         -8         -8         1,26         -186         5,25         -188         2.00         -313         -6         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8         -8	.313	=	5.10	29.8	5.3	6			3.6	1.50	3.31	.188	3.00	.313	
5.95         65.6         7.3         49.0         1.0         7         6.7         1.75         6.31         1.18         2.00         6.1         6.0         6.0         1.90         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6	.313T	=	5.30	49.1	6.1	3	6.		5.7	1.56	5.31	.188	2.00	.313	1.2
6.30 70.8 B.2 56.1 11. 0 6.6 1.08 6.25 118  3.00 255	.3131	=	5.95	9.59	7.3	69.0	1.0		6.7	1.75	6.31	.188	2.00	.313	1.4
6.60 61.1	.2501	=	6.39	20.8	8.2	54.1	1.1		9.9	1.88	6.25	.188	3.00	.250	1.3
6.80 50.2 7.9 37.0 .9 .7 4.7 2.00 4.31 .186 4.08 .313 7.24 60.8 9.3 62.0 1.2 .8 6.6 2.15 6.31 .186 4.08 .313 7.24 60.8 9.5 1.2 .8 6.6 2.15 6.31 .186 4.00 .313 7.24 60.8 1.1 11.4 75.3 1.3 1.2 .8 6.6 2.15 6.31 .186 4.00 .313 8.50 77.1 11.3 63.3 1.2 .8 6.6 2.15 6.31 .186 4.00 .313 8.51 77.1 11.3 12.2 92.1 1.4 .9 7.6 2.9 731 .186 4.00 .313 8.51 115.0 12.2 13.5 112.8 1.6 .9 7.6 2.8 731 .256 3.00 .313 10.01 129.7 14.3 110.8 1.5 .9 7.6 2.8 731 .256 3.00 .313 10.01 129.7 14.3 110.8 1.5 .9 7.6 2.8 731 .256 3.00 .313 10.01 129.7 14.3 110.8 1.5 .9 7.6 2.8 731 .256 3.00 .313 10.01 129.7 14.3 110.8 1.5 .9 7.6 3.00 7.31 .256 3.00 .313 11.02 14.0 120.8 14.9 135.4 1.6 1.0 9.4 3.19 9.31 .256 3.00 .313 11.25 147.6 17.8 14.8 1.8 1.8 1.0 9.4 3.2 0.3 1 .256 3.00 .313 11.25 147.6 17.8 18.4 1.8 1.9 9.5 3.3 0.3 1 .256 3.00 .313 11.29 166.2 19.6 18.4 1.9 1.1 9.5 3.3 0.3 1 .256 9.4 .256 3.00 .313 11.29 17.7 19.6 18.4 2.0 1.1 9.5 3.3 0.3 1 .256 9.4 .256 3.00 .313 11.29 17.7 19.6 18.4 2.0 1.1 1.1 9.5 3.3 0.3 1 .256 9.4 .256 3.00 .313 11.29 17.7 19.6 18.4 2.0 1.1 1.1 9.5 3.0 0.5 0.0 .313 11.29 18.6 2.2 2.2 2.2 1.2 1.1 1.1 9.4 3.5 0.3 0.2 0.5 0.0 .313 11.30 18.5 2.0 2.0 2.0 1.0 1.1 1.1 9.5 3.0 0.5 0.0 .313 11.40 17.5 2.0 2.0 1.0 1.0 1.1 1.1 9.5 3.0 0.5 0.0 .313 11.50 17.7 19.6 2.0 2.0 1.0 1.1 1.1 9.5 3.5 0.0 0.5 0.0 0.313 11.50 17.7 19.6 2.0 2.0 1.0 1.1 1.1 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	.250T	=	6.60	61.1	8.2	46.0	1.0	•	9.6	1.94	5.25	.188	00-7	.250	1.2
7.00 78.5 9.3 62.0 1.2 .8 6.6 2.06 6.31 .188 3.00 .313 7.24 80.7 9.8 62.0 1.2 .8 6.6 2.13 6.25 .188 4.00 259 7.54 80.7 9.8 6.6 54.0 1.2 .8 6.6 2.3 6.31 .188 4.00 259 80.9 8.1 11.4 75.3 1.3 8.6 6.6 2.3 6.3 1.188 4.00 259 80.9 8.1 11.4 75.3 1.3 1.8 6.6 2.5 1.188 4.00 313 9.15 105.0 12.2 92.1 11.4 75.3 1.6 .9 7.6 2.6 7.3 1.2 188 6.0 1.3 13 9.15 105.0 12.2 92.1 11.4 11.4 11.4 11.4 11.4 11.4 11.4 1	.31	15		50.2	7.9	37.0	6.		4.7	2.00	4.31	.188	4.00	.313	1.0
7.24 60.7 9.8 64.5 1.2 .6 6.6 2.13 6.25 .180 4.00 .251 8.09 90.1 11.4 75.3 1.2 1.8 6.6 2.14 6.31 .188 4.00 .313 9.50 77.1 11.3 63.3 1.2 .8 6.6 2.50 5.31 .188 4.00 .313 9.51 90.1 11.4 11.3 63.3 1.2 .8 6.6 2.50 5.31 .188 6.00 .313 9.52 96.2 12.2 82.1 1.4 .9 7.6 2.6 2.8 7.31 .250 3.00 .438 10.00 129.7 14.3 12.8 12.8 1.6 .9 6.7 2.8 7.31 .250 3.00 .438 10.01 129.7 14.3 12.8 12.8 1.6 .9 6.7 2.8 7.31 .250 3.00 .438 10.01 129.7 14.3 11.3 1.6 .9 7.6 2.8 7.8 2.50 3.00 .438 10.02 117.5 14.9 113.3 1.6 .9 7.6 2.9 6.3 1.250 3.00 .438 10.04 129.0 15.9 13.6 1.9 1.0 0.4 3.19 9.31 .250 3.00 .438 11.25 147.6 17.0 14.9 11.3 1.6 1.0 0.4 3.19 9.31 .250 3.00 .438 11.25 147.6 17.0 14.0 7.0 1.0 0.4 3.19 9.31 .250 3.00 .313 11.25 147.6 17.0 140.7 1.0 0.6 3.31 0.4 .250 3.00 .313 11.25 147.6 17.0 140.7 1.0 0.6 3.31 0.4 .250 3.00 .313 11.29 12.9 12.0 12.0 1.0 0.4 3.19 9.31 .250 3.00 .313 11.20 12.7 2 10.0 1.0 0.4 3.10 0.4 .250 3.00 .313 11.20 12.7 2 10.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	.3131	31	-	78.5	9.3	62.0	1.2		9.9	5.06	6.31	.188		.313	1.4
7.45 68.8 9.6 54.0 1.1 6 5.7 2.19 5.31 .188 4.00 .313 8.09 9.1 11.4 57.3 1.2 6 6.6 2.38 6.31 .188 4.00 .313 9.15 115.2 12.2 92.1 1.4 9 7.6 2.69 7.31 188 4.01 313 9.15 115.2 12.2 92.1 1.4 9 7.6 2.69 7.31 250 3.01 313 110.0 113.2 12.2 12.5 10.4 9 7.6 2.69 7.31 250 3.01 313 110.0 113.2 114.9 115.9 1.6 9 7.6 2.89 6.31 250 3.01 313 110.0 113.2 114.9 115.3 115.6 1.6 9 7.6 2.84 6.31 250 3.01 313 110.0 113.2 114.9 115.9 115.9 115.9 1.0 0.9 7.6 3.01 0.9 7.0 115.9 115.9 115.3 1.6 9 7.6 3.01 7.31 250 3.01 313 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0	-250T	10	.2	2.08	9.6	64.5	1.2		9.9	2.13	6.25	.188	4.00	.250	1.3
8.09 90.1 11.4 75.3 1.3 .6 6.6 2.30 6.31 .108 4.010 .313 9.10 115.0 12.2 92.3 1.2 .8 5.6 2.51 5.11 .108 5.01 .313 9.15 17.1 11.3 6.8 1.2 .8 5.6 2.51 5.11 .108 5.01 .313 9.15 115.0 12.2 92.1 1.2 .8 5.6 2.69 5.31 .108 5.01 .313 9.15 11.3 11.3 11.5 11.5 11.6 1.6 1.6 2.8 7.5 2.81 6.44 .250 3.01 .438 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.	.3131	31	*	68.8	9.6	54.0	1.1	•	2.1	2.19	5.31	.188	4.00	.313	1.2
8.50         77.1         11.3         63.3         1.2         .6         2.50         5.31         .186         5.00         .313           9.55         96.5         12.2         92.1         1.6         .9         7.6         2.61         7.71         .250         3.00         .313           9.79         113.2         12.6         102.6         1.5         .9         7.6         2.64         7.31         .250         3.00         .313           10.01         113.2         12.6         1.6         .9         7.6         2.04         7.31         .250         3.00         .313           10.01         117.0         14.9         113.3         1.6         .9         7.6         3.06         7.4         .250         3.00         .313           10.0         11.0         1.0         1.0         9.6         3.19         9.31         .250         3.00         .313           10.0         11.0         1.0         9.6         3.19         9.31         .250         3.00         .313           10.0         1.0         1.0         9.6         3.19         9.31         .250         3.00         .313	.3137	31		90.1	11.4	75.3	1.3	••	9.9	2.38	6.31	.188	00.4	.313	1.4
9.15 105.0 12.2 92.1 1.4 9 7.6 2.69 7.31 .250 3.00 .313 9.59 96.2 12.5 12.5 13.0 1.4 9 7.6 2.61 6.44 .251 3.00 .435 10.0 10.0 12.2 13.5 112.8 11.6 9 6.7 2.81 6.44 .251 3.00 .315 110.00 129.7 14.3 121.8 11.6 9 6.5 2.94 0.31 .250 3.00 .313 110.00 129.7 14.5 112.8 1.6 9 7.6 2.94 0.31 .250 3.00 .313 110.0 120.0 117.5 14.5 113.3 1.6 9 7.6 3.16 7.44 .251 3.00 .313 110.6 113.9 113.3 1.7 1.0 8.5 3.15 8.36 .250 3.00 .313 110.6 113.9 115.9 113.3 1.6 9 7.6 3.13 8.31 .250 3.00 .313 11.0 8 15.9 16.6 156.9 1.8 1.0 8.4 3.13 8.31 .250 3.00 .313 11.0 8 15.0 11.0 8.4 3.31 7.31 .250 4.0 1.313 11.0 8 12.0 1.0 8.4 3.31 7.31 .250 4.0 1.313 11.0 8 12.1 11.0 9.4 3.31 7.31 .250 4.0 1.313 11.0 8 12.1 11.0 9.4 3.31 7.31 .250 4.0 1.313 11.0 9.4 3.250 3.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 4.0 1.313 11.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.31 .250 9.00 .313 11.0 9 1.0 9.4 3.50 9.30 .250 9.00 .313 11.0 9 1.0 9.4 4 .250 9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.	.313T	31	.5	77.1	11.3	63.3	1.2		9.6	2.50	5.31	.188	5.00	.313	1.2
9.55 96.2 12.5 18.5 11.4 .9 6.7 2.81 6.44 .250 3.010 .438 110.10 1129.7 14.5 1102.8 1.5 .9 7.6 2.88 7.38 .250 3.010 .375 110.10 1129.7 14.5 1102.8 1.5 .9 7.6 2.88 7.31 .250 3.010 .375 110.10 1129.7 14.5 1102.8 1.5 .9 7.6 3.010 7.31 .250 3.010 .313 110.20 117.5 14.5 1103.8 1.6 .9 7.6 3.010 7.31 .250 3.010 .313 110.40 117.5 14.9 113.3 1.6 .9 7.6 3.010 7.31 .250 3.010 .313 110.64 139.0 15.9 135.4 1.0 1.0 9.4 3.25 9.31 .250 3.010 .313 11.25 14.0 1 17.0 147.5 1.6 1.0 9.4 3.25 9.31 .250 3.010 .313 11.25 14.0 1 17.0 147.5 1.6 1.0 9.4 3.25 9.31 .250 3.010 .313 11.25 147.6 17.4 140.7 1.0 1.0 9.4 3.25 9.31 .250 3.010 .313 11.9 14.0 1 17.7 19.6 183.4 2.0 1.0 9.4 3.25 9.44 .250 3.010 .313 11.9 11.9 1 17.7 19.6 183.4 2.0 1.1 9.4 3.50 9.31 .250 3.010 .313 12.1 12.0 177.7 19.6 16.8 2.1 1.1 9.5 3.5 9.31 .250 9.40 .313 12.1 12.1 17.5 163.9 21.9 21.9 21.9 21.1 1.1 9.5 3.5 9.31 .250 9.40 .313 12.1 12.9 14.0 14.0 14.0 14.1 1.1 9.5 3.5 9.31 .250 9.010 .313 12.1 12.9 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	.3131	31	9.15	105.	12.2	N	1.4	6.	1.6	5.69	7.31	.250	3.00	.313	2.1
9.79 113.2 13.5 1102.8 1.5 .9 7.6 2.88 7.38 .250 3.08 .313 10.01 129.7 14.5 1102.8 1.5 .9 8.5 2.94 6.31 .250 3.08 .313 10.20 117.5 114.5 1103.8 1.5 .9 7.5 3.06 7.44 .250 3.00 .313 10.40 120.8 14.9 113.3 1.6 .9 7.5 3.05 7.44 .250 3.00 .313 10.64 139.0 15.9 14.5 10.8 1.5 .9 7.5 3.05 7.44 .250 3.00 .313 11.05 144.0 15.9 15.9 14.8 1.7 1.0 8.5 3.13 8.31 .250 3.00 .313 11.25 144.0 17.6 17.4 148.7 1.8 1.0 9.4 3.29 9.31 .250 8.00 .313 11.25 144.0 17.6 17.4 148.7 1.8 1.0 8.6 3.31 7.31 .250 8.00 .313 11.25 144.0 17.6 17.4 148.7 1.8 1.0 8.6 3.31 7.31 .250 8.00 .313 11.49 147.6 17.4 148.7 1.9 1.0 8.6 3.31 7.31 .250 8.00 .313 11.49 147.5 12.0 18.6 19.6 2.0 1.0 1.0 9.4 3.50 9.31 .250 8.00 .313 11.49 147.5 12.0 18.6 2.0 1.0 1.0 9.4 3.50 9.31 .250 8.00 .313 12.10 175.9 21.1 19.6 2.0 1.0 1.0 9.4 3.50 9.31 .250 8.00 .313 12.3 12.3 12.3 12.3 12.3 12.3 12.3	.438T	19	9.55		12.5		1.4	6.	2.9	2.81	94.9	.250	3.00	.438	1.8
10.00 129.7 14.3 121.6 1.6 .9 6.5 2.94 6.31 .250 3.00 .313 10.64 129.7 14.5 14.9 118.8 1.5 .9 7.5 3.00 7.31 .250 4.00 313 10.64 129.0 117.5 14.9 113.3 1.6 .9 7.5 3.00 7.4 .250 3.00 .313 10.64 139.0 15.9 135.4 1.7 1.0 6.5 3.13 6.36 .250 3.00 .313 11.06 14.9 16.6 156.9 1.8 1.0 9.4 3.19 9.31 .250 3.00 .313 11.0 14.0 17.0 14.3 1.6 1.0 9.4 3.19 9.31 .250 3.00 .313 11.25 147.6 17.4 148.7 1.6 1.0 9.4 3.25 9.31 .250 3.00 .313 11.25 147.6 17.4 148.7 1.6 1.0 9.4 3.25 9.31 .250 3.00 .313 11.0 16.2 18.4 173.7 1.9 1.0 9.5 3.31 9.38 .250 3.00 .313 11.0 156.4 190.4 173.7 1.9 1.0 9.5 3.31 9.38 .250 3.00 .313 12.0 17.7 19.6 16.3 1.0 9.5 3.36 9.38 .250 3.00 .313 12.0 17.7 19.6 16.3 1.0 9.5 3.5 9.38 .250 3.00 .313 12.0 17.7 19.6 16.3 1.0 9.4 3.50 9.31 .250 9.31 .250 9.31 12.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	.3751	15	9.79		13.5		1.5	6.	1.6	2.88	7.38	.250	3.00	.375	2.1
10.20 117.5 14.5 100.0 1.5 .9 7.5 3.00 7.31 .250 4.00 .313 10.40 120.6 120.8 14.9 113.3 1.6 .9 7.6 3.16 7.44 .250 3.00 .438 10.60 120.8 14.9 113.3 1.6 .9 7.6 3.16 7.44 .250 3.00 .438 10.65 155.9 16.6 155.9 1.8 1.0 9.4 3.19 9.31 .250 3.00 .313 11.05 144.0 17.0 143.3 1.8 1.0 9.4 3.25 0.31 .250 5.00 .313 11.25 120.7 16.0 125.5 1.6 1.0 9.4 3.25 0.31 .250 6.00 .313 11.25 120.7 16.0 173.7 1.9 1.0 9.5 3.31 7.31 .250 9.30 .350 1.313 11.25 147.6 17.4 148.7 1.9 1.0 9.5 3.30 9.31 .250 9.30 .375 11.9 14.5 16.6 16.6 16.1 19.6 2.0 1.1 9.6 3.5 1.0 9.4 2.5 1.0 9.4 2.5 1.0 9.4 2.5 1.0 1.1 9.5 3.5 1.0 9.31 .250 9.30 .375 12.7 19.6 16.6 2.0 1.1 9.5 3.5 1.0 9.31 .250 9.30 .375 12.7 12.9 1.1 1.1 9.5 3.5 1.0 9.31 .250 9.30 .375 12.9 160.7 22.6 209.9 2.1 1.1 9.3 3.5 1 9.31 .250 9.30 .375 13.0 149.4 22.6 209.9 2.0 1.1 1.1 9.3 3.5 1 9.34 .250 9.30 .375 13.0 149.4 21.5 160.9 1.0 1.1 7.5 3.94 4.0 9.30 .250 9.0 0.313 14.0 149.4 21.5 160.9 1.0 1.1 7.5 3.94 4.0 9.30 .250 9.0 0.375 14.0 190.9 22.5 227.3 2.2 1.2 9.4 4.0 9.44 .250 5.0 0.438 14.0 140.4 22.6 24.7 183.6 24.7 183.6 2.0 1.1 7.4 4.3 9.34 .250 5.0 0.438 14.0 140.4 22.6 24.7 183.6 2.0 1.1 7.4 4.3 9.34 .250 5.0 0.438 14.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21	.3131	31	10.00		14.3		1.6	6.	8.5	5.94	6.31	.250	3.00	.313	2.3
10.64 120.8 14.9 113.3 1.6 .9 7.6 3.06 7.44 .250 3.01 .438 10.64 120.8 14.9 113.3 1.6 .9 7.6 3.05 7.44 .250 3.01 .375 10.64 139.0 15.9 135.4 1.7 1.0 6.5 3.13 6.36 .250 3.01 .313 11.05 144.0 17.6 15.9 1.0 1.0 6.5 3.13 7.31 .250 5.01 .313 11.25 126.7 16.8 125.5 1.6 1.0 7.5 3.31 7.31 .250 5.01 .313 11.25 126.7 16.8 125.5 1.6 1.0 7.5 3.31 7.31 .250 5.01 .313 11.0 176.7 19.6 17.4 173.7 1.0 1.0 9.6 3.31 6.4 .250 3.01 .438 11.0 176.7 19.6 10.0 1.0 1.0 9.5 3.31 6.4 .250 3.01 .438 12.1 11.0 175.9 20.1 190.4 2.0 1.0 9.6 3.31 2.5 0 9.4 .250 3.01 .438 12.1 12.10 175.9 20.1 190.4 2.0 1.1 9.6 3.5 0 9.4 .250 3.01 .313 12.9 12.1 156.4 19.6 164.3 1.9 1.0 1.0 9.4 3.5 0 9.4 .250 3.01 .313 12.9 12.9 168.7 22.3 186.9 2.1 1.1 9.4 3.5 6 9.4 .250 5.01 .313 13.4 14.9 14.0 14.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1		.3131	10.20		14.5	108.8	1.5	6.	1.5	3.00	7.31	.250	00-4	.313	2.1
10.64 139.0 15.9 135.4 1.7 1.0 8.5 3.13 8.36 .250 3.01 .375 10.85 155.9 16.6 156.9 1.8 1.0 8.4 3.19 9.31 .250 3.01 .313 11.25 126.7 16.8 126.9 1.8 1.0 9.4 3.19 9.31 .250 3.01 .313 11.25 147.6 17.0 148.7 1.8 1.0 8.4 3.25 8.31 7.31 .250 4.01 .313 11.25 147.6 17.4 148.7 1.8 1.0 8.6 3.31 7.31 .250 3.01 .313 11.90 171.7 19.6 173.7 1.9 1.0 9.6 3.38 9.38 .250 3.01 .313 12.10 175.7 19.6 183.4 2.0 1.1 9.6 3.36 9.38 .250 4.01 .313 12.10 175.9 20.1 190.4 2.0 1.1 9.6 3.56 8.31 .250 4.01 .313 12.0 171.7 19.6 164.3 1.9 1.1 9.6 3.56 8.31 .250 4.01 .313 12.0 12.0 19.6 22.6 209.9 2.1 1.1 9.6 3.56 8.31 .250 5.01 .313 12.95 185.8 22.6 209.9 2.1 1.1 9.4 3.61 9.31 .250 5.01 .313 13.40 149.4 21.5 160.9 2.1 1.1 9.4 3.6 8.8 8.8 .250 5.01 .375 13.40 149.4 21.5 160.9 1.9 1.1 7.5 3.94 7.44 .250 5.01 .375 14.8 160.6 24.2 227.2 2.2 1.2 9.3 4.13 9.36 .250 5.01 .438 14.8 160.6 24.2 227.2 2.2 1.2 9.3 4.13 9.36 .250 5.01 .438 14.8 160.6 24.2 227.2 2.2 1.2 9.3 4.13 9.38 .250 5.01 .438 14.8 160.6 24.7 26.4 2.1 1.2 8.3 4.2 5 8.36 .250 5.01 .438 14.8 160.6 24.7 26.4 2.1 1.2 8.3 4.2 5 8.36 .250 5.01 .438 14.8 160.6 24.7 26.4 2.1 1.3 9.3 6.13 9.36 .250 5.01 .438 15.10 210.8 28.4 26.7 2.1 2.1 2.2 4.5 10.3 8.3 5.2 5.0 5.01 .375 15.10 210.8 21.9 29.0 26.7 7 2.4 1.3 9.2 6.5 10.3 375 15.10 210.8 21.9 27.1 27.1 2.4 1.3 10.2 4.63 10.3 8.313 4.010 3.75	3.	381	10.40		14.9	113.3	1.6	6.	4.6	3.06	7.44	.250	3.00	. 438	2.1
11.05 155.9 16.6 156.9 1.8 1.0 9.4 3.19 9.31 .250 3.01 .313 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.05	2	151	10.64	139.	15.9	135.4	1.7	1.0	8.5	3.13	8.38	.250	3-00	.375	2.3
11.05 144.0 17.0 143.3 1.8 1.0 8.4 3.25 8.31 .250 4.00 .313 11.25 125.7 16.8 125.5 1.6 1.0 0.6 3.31 7.31 .250 7.31 .250 8.313 11.25 11.25 11.26.7 16.8 125.5 1.6 1.0 0.6 3.31 7.31 .250 3.00 .313 11.49 166.2 18.4 173.7 1.9 1.0 0.6 3.3 9.36 .250 3.00 .375 11.90 171.7 19.6 183.4 2.0 1.1 9.5 3.56 9.44 .250 3.00 .313 12.10 175.9 20.1 190.4 2.0 1.1 9.5 3.56 9.44 .250 3.00 .436 12.75 165.4 19.6 164.3 1.9 1.1 9.5 3.56 9.44 .250 5.00 .436 12.75 165.4 19.6 164.3 1.9 1.1 9.3 3.61 9.31 .250 5.00 .436 12.75 165.4 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .313 12.95 166.9 2.0 1.1 1.1 9.3 3.61 9.31 .250 5.00 .313 13.40 149.4 22.5 22.2 1.2 9.4 4.01 9.44 .250 5.00 .436 14.25 179.3 24.8 22.6 2.1 1.2 9.4 4.01 9.44 .250 5.00 .436 14.89 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .436 14.89 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .436 14.89 160.6 24.7 25.4 1.3 9.3 4.25 9.3 6.44 .250 5.00 .436 15.30 21.9 22.4 1.3 9.3 4.25 9.3 6.00 .375 15.30 21.9 27.1 2.4 1.3 9.3 4.25 9.3 6.00 .375 15.30 21.9 27.1 2.4 1.3 9.3 4.25 9.3 6.00 .375 15.30 21.9 27.1 2.4 1.3 9.3 4.25 9.3 6.00 .375 15.30 21.9 27.1 2.4 1.3 9.3 4.25 9.3 6.00 .375 15.30 21.9 27.1 2.4 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 9.3 6.3 10.3 6.00 .375 15.74 218.9 27.1 2.74 1.3 10.2 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0 9.3 6.0	.3	131	10.85	155.	16.6	156.9	1.8	1:0		3.19	9.31	.250	3-00	.313	5.6
11.25 128.7 16.8 125.5 1.6 1.0 7.5 3.31 7.31 .250 5.00 .313 11.25 147.6 17.4 148.7 1.8 1.0 8.6 3.31 6.44 .250 3.00 .438 11.90 166.2 18.4 173.7 1.9 1.0 9.5 3.36 9.36 .250 3.00 .313 12.10 17.7 19.6 183.4 2.0 1.1 9.4 3.50 9.31 .250 5.00 .313 12.10 17.7 19.6 164.3 1.9 1.1 9.5 3.56 9.44 .250 5.00 .313 12.10 17.7 163.9 21.9 20.1 1.1 9.4 3.75 9.38 .250 5.00 .313 12.75 163.9 22.6 209.9 2.1 1.1 9.3 3.81 9.31 .250 5.00 .313 13.40 196.7 22.3 186.9 2.0 1.1 8.4 3.56 8.31 .250 5.00 .313 13.40 199.6 24.2 227.3 2.2 1.2 9.4 4.00 9.44 .250 5.00 .438 14.89 160.7 25.5 227.3 2.2 1.2 9.4 4.00 9.44 .250 5.00 .438 14.45 180.7 25.5 227.3 2.2 1.2 9.3 4.13 9.38 .250 5.00 .438 14.45 180.7 25.4 211.8 2.1 1.2 8.3 4.3 7.44 .250 5.00 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 27.1 2.4 1.3 9.3 6.31 3.40 0.375	. 3	131	11.05	-	17.0	143.3	1.8	1.0	4.6	3.25	8.31	.250		.313	2.3
11.25 147.6 17.4 148.7 1.8 1.0 6.6 3.31 6.44 .250 3.00 .433 11.29 166.2 10.4 173.7 1.9 1.0 9.5 3.38 9.38 .250 3.00 .433 12.10 171.7 19.6 183.4 2.0 1.1 9.4 3.50 9.31 .250 3.00 .313 12.10 177.9 20.1 190.4 2.0 1.1 9.4 3.50 9.44 .250 3.00 .434 12.10 176.4 19.6 164.3 1.9 1.1 9.4 3.56 9.44 .250 3.00 .434 12.10 156.4 19.6 164.3 1.9 1.1 9.4 3.56 9.38 .250 5.00 .313 12.95 185.8 22.6 209.9 2.1 1.1 9.4 3.56 8.31 .250 5.00 .313 13.40 149.4 22.5 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .375 13.40 149.4 22.5 22.7 2.2 1.2 9.4 4.0 9.4 2.5 0 5.00 .375 13.60 194.6 24.2 227.2 2.2 1.2 9.3 4.13 9.36 .250 5.00 .436 14.25 179.3 24.8 25.5 227.2 2.2 1.2 9.3 4.13 9.36 .250 5.00 .436 14.45 180.7 25.4 211.8 2.1 1.2 8.4 4.19 8.44 .250 5.00 .436 14.45 180.6 22.4 22.4 1.3 9.3 4.25 8.38 .250 5.00 .438 14.45 180.6 22.4 22.4 1.3 9.3 4.25 8.38 .250 5.00 .438 15.10 20.4 20.0 267.7 2.4 1.3 9.3 4.46 9.44 .250 5.00 .438 15.10 210.8 22.4 22.4 1.3 9.3 4.46 9.44 .250 5.00 .438 15.10 210.8 22.4 22.4 1.3 9.3 4.46 9.44 .250 5.00 .438 15.10 210.8 22.4 1.3 9.3 4.46 .250 5.00 .375 15.74 .218.9 27.1 27.1 2.4 1.3 9.2 4.50 3.313 4.00 .375	.3	31	11.25	-	16.8	125.5	1.6	1:0	1.5	3.31	7.31	.250	2.00	.313	2.1
11.49 166.2 18.4 173.7 1.9 1.0 9.5 3.38 9.38 .250 3.01 .375 11.90 175.9 166.2 18.4 173.7 1.9 1.0 9.5 3.38 9.38 .250 3.01 .375 12.10 175.9 20.1 190.4 2.0 1.1 9.4 3.56 9.44 .250 4.01 .418 12.10 156.4 19.6 164.2 1.0 1.1 0.4 3.56 8.31 .250 5.01 .418 12.10 156.4 19.6 164.2 2.1 1.1 0.4 3.56 8.31 .250 5.01 .313 12.95 185.8 22.6 219.9 2.1 1.1 9.4 3.56 9.38 .250 5.01 .315 13.19 168.7 22.3 186.9 2.0 1.1 1.1 0.4 3.88 8.38 .250 5.01 .375 13.60 194.6 24.2 227.3 2.2 1.2 9.4 4.01 9.44 .250 5.01 .438 14.25 179.3 24.8 218.9 2.1 1.2 0.4 4.19 8.44 .250 5.01 .438 14.45 180.7 25.4 211.8 2.1 1.2 0.3 4.25 8.38 .250 5.01 .438 14.48 180.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.01 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.3 4.50 9.38 .250 6.01 .375 15.74 218.9 27.1 27.1 2.4 1.3 9.3 4.50 3.33 4.01 .375	*	381	11.25	-	17.4	<b>6</b>	1.8	1.0	8.6	3.31	9.44	.250	3-00	.438	2.3
11.90 171.7 19.6 183.4 2.0 1.1 9.4 3.50 9.31 .250 4.00 .31.3 12.10 175.9 20.1 190.4 2.0 1.1 9.5 3.56 9.44 .250 3.00 .438 12.10 175.9 20.1 190.4 2.0 1.1 9.5 3.56 9.44 .250 5.00 .438 12.05 165.4 19.6 164.3 1.9 1.1 0.4 3.56 9.44 .250 5.00 .31.3 12.05 165.4 19.6 164.9 2.1 1.1 9.5 3.56 9.38 .250 5.00 .31.3 12.95 165.6 20.9.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .31.3 13.40 149.4 21.5 166.9 2.0 1.1 1.1 9.5 3.94 .250 5.00 .375 13.40 149.4 24.2 227.3 2.2 1.2 9.4 4.00 9.44 .250 5.00 .438 14.04 198.9 25.5 237.2 2.2 1.2 9.4 4.01 9.44 .250 5.00 .438 14.05 179.3 24.0 26.5 2.1 1.2 0.3 4.13 9.38 .250 5.00 .438 14.05 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .438 14.05 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .438 15.10 210.8 28.4 26.4 2.4 1.3 9.3 4.0 9.44 .250 5.00 .438 15.10 210.8 28.4 2.4 2.4 1.3 9.3 4.5 250 5.00 .438 15.10 210.8 28.4 28.4 2.4 1.3 9.3 4.5 250 5.00 .438 15.10 210.8 28.4 28.4 28.4 28.4 28.4 28.4 28.4 28		757	11.49	-	18.4		1.9	1.0	9.5	3.38	9.38	.250	3.60	.375	5.6
12.10 175.9 20.1 190.4 2.0 1.1 9.5 3.56 9.44 .250 3.00 .430 12.10 156.4 19.6 164.3 1.9 1.1 8.4 3.56 9.44 .250 3.00 .430 12.10 156.4 19.6 164.3 1.9 1.1 8.4 3.75 8.31 .250 5.00 .313 12.95 185.4 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .313 12.95 185.8 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .313 13.40 149.4 21.5 22.7 3 2.2 1.2 9.4 4.01 9.44 .250 5.00 .430 13.40 149.6 24.2 227.3 2.2 1.2 9.4 4.01 9.44 .250 5.00 .430 14.25 179.3 24.8 25.6 2.0 1.2 9.4 4.01 9.44 .250 5.00 .430 14.25 179.3 24.8 22.0 1.2 9.4 4.01 9.44 .250 5.00 .430 14.89 160.6 24.7 193.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .375 14.89 160.6 24.7 193.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .430 15.30 210.9 28.4 25.4 2.4 1.3 9.3 4.2 5.6 5.00 .430 15.30 210.9 28.4 28.4 28.4 28.4 28.4 28.4 28.4 28.4	*	131	11.90	171.	19.6	183.4	2.0	1:1	4.6	3.50		.250	4.00	.313	5.6
12.10 156.4 19.6 164.3 1.9 1.1 6.4 3.56 8.31 .250 5.00 .313 12.75 163.9 21.9 2.1 1.1 9.4 3.75 9.36 .250 4.01 .375 13.19 165.8 22.6 219.9 2.1 1.1 9.4 3.75 9.36 .250 4.01 .375 13.19 166.9 2.1 1.1 6.4 3.68 8.36 250 5.01 .375 13.40 149.4 21.5 160.9 1.9 1.1 7.5 3.94 7.44 .250 5.01 .436 13.60 194.6 24.2 227.3 2.2 1.2 9.4 4.01 9.44 .250 5.01 .436 14.25 179.3 24.8 227.2 2.2 1.2 9.4 4.01 9.44 .250 5.01 .436 14.25 179.3 24.8 221.8 2.1 1.2 8.4 4.19 8.44 .250 5.01 .436 14.45 160.6 24.7 183.6 2.1 1.2 8.4 4.36 9.36 .250 5.01 .436 15.10 210.8 22.7 2 2.1 1.2 8.4 4.36 9.44 .250 5.01 .436 15.10 210.8 22.7 2 2.1 1.2 8.4 4.36 9.44 .250 5.01 .436 15.10 210.8 22.7 2 2.7 1 1.2 8.4 1.3 9.2 4.2 6.10 .251 5.01 .436 15.74 218.9 27.1 27.1 2.4 1.3 9.2 4.51 9.38 .251 5.01 .438 15.74 218.9 27.1 27.1 2.4 1.3 10.2 4.53 10.38 .313 4.01 .375	*	381	12.10	175.	20.1	190.4	2.0	1:1	9.5	3.56	9.44	.250	3.00	. 430	5.6
12.75 163.9 21.9 205.6 2.1 1.1 9.4 3.75 9.36 .250 4.00 .375 13.1 12.95 165.6 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .313 13.1 13.60 149.4 21.5 22.6 209.9 2.1 1.1 9.3 3.61 9.31 .250 5.00 .313 13.60 149.4 21.5 160.9 1.9 1.1 7.5 3.94 7.44 .250 5.00 .436 13.60 194.6 24.2 227.3 2.2 1.2 9.4 4.00 9.44 .250 5.00 .436 14.25 179.3 24.8 218.9 2.1 1.2 9.3 4.13 9.36 .250 5.00 .375 14.45 180.7 25.4 211.8 2.1 1.2 8.4 4.25 8.38 .250 5.00 .436 14.45 180.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .438 15.10 210.8 28.4 25.4 2.4 1.3 9.2 4.5 9.44 .250 5.00 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 27.1 2.4 1.3 10.2 4.53 10.38 .313 4.00 .375		131	12.10	156.	19.6	164.3	1.9	1:1	4.6	3.56	8.31	.250	2.00	.313	2.3
13.40 165.6 22.5 109.9 2.1 1.1 9.3 3.61 9.31 250 5.00 3.13 13.40 166.7 22.3 166.9 2.0 1.1 6.4 3.66 6.36 250 5.00 3.75 13.40 196.6 24.2 227.3 2.2 1.2 9.4 4.00 9.44 250 5.00 4.36 14.04 199.9 25.5 227.2 2.2 1.2 9.4 4.00 9.44 250 5.00 4.36 14.25 179.3 24.6 25.5 237.2 2.2 1.2 9.3 4.13 9.36 250 5.00 4.36 14.25 179.3 24.6 25.6 2.0 1.2 0.3 4.25 0.3 4.25 0.3 5.00 4.36 14.45 160.6 24.7 163.6 2.0 1.1 7.4 4.38 7.44 250 5.00 4.38 15.10 210.8 25.4 26.4 26.4 1.3 9.3 4.46 9.44 250 5.00 4.38 15.10 210.8 25.4 26.4 2.4 1.3 9.2 4.50 9.36 250 6.00 3.75 15.74 218.9 27.1 27.1 2.4 1.3 10.2 4.53 10.36 251 6.00 3.75 15.74 218.9 27.1 27.1 2.4 1.3 10.2 4.53 10.36 313 4.00 3.75		151	12.75	163.	6.12	202.8	2.1	1.1	4.6	3.75	9.38	.250		.375	9.2
13.19 106.7 22.5 106.9 2.0 1.1 0.4 3.06 0.56 250 5.00 438 13.60 194.6 21.5 160.9 1.0 1.1 7.5 3.94 7.44 250 5.00 438 14.04 198.9 25.5 227.2 2.2 1.2 9.4 4.01 9.44 250 5.00 438 14.25 179.3 24.6 250 5.1 1.2 0.4 4.19 0.44 250 5.00 438 14.45 160.7 25.4 211.8 2.1 1.2 0.4 4.19 0.44 250 5.00 438 14.45 160.6 24.7 103.6 2.0 1.1 7.4 4.36 7.44 256 5.00 438 15.10 210.8 28.4 256.4 2.4 1.3 9.3 4.45 9.44 250 5.00 438 15.10 210.8 29.0 267.7 2.4 1.3 9.2 4.50 9.38 250 6.00 375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 313 4.00 375		5	12.95	102	9.22	6.602	1.7		2.5	2.01	9.31	0620	2000	212	2.0
13.40 149.4 21.5 150.9 1.9 1.1 7.5 3.94 7.44 .250 5.00 .436 13.60 194.6 24.2 227.3 2.2 1.2 9.4 4.01 9.44 .250 4.00 .436 14.25 179.3 24.8 226.5 2.1 1.2 9.4 4.19 8.44 .250 5.00 .436 14.25 179.3 24.8 226.5 2.1 1.2 8.4 4.19 8.44 .250 5.00 .375 14.89 160.6 24.7 193.6 2.0 1.1 7.4 4.38 7.44 .250 5.00 .375 15.10 210.8 29.4 .257 2.4 1.3 9.3 4.45 9.44 .250 5.00 .436 15.30 211.9 29.0 267.1 2.4 1.3 9.3 4.50 9.38 .250 5.00 .438 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.53 10.38 .313 4.00 .375	.3	15	13.19	166	22.3	186.9	0.2	1:1	3.0	2.66	6.36	062.	20.00	.373	2.3
13,60 194,6 24,2 227,3 2,2 1,2 9,4 4,00 9,44 259 4,00 3175 14,14 198,9 25,5 237,2 2,2 1,2 9,3 4,13 9,36 250 5,00 375 14,25 179,3 24,8 216,5 2,1 1,2 8,4 4,25 8,36 250 5,00 4,38 14,45 186,7 25,4 211,8 2,1 1,2 8,3 4,25 8,38 250 6,00 375 14,89 161,6 24,7 183,6 2,0 1,1 7,4 4,38 7,44 250 5,00 4,38 15,10 210,8 28,4 264, 2,4 1,3 9,2 4,44 9,44 250 5,00 4,38 15,30 211,9 29,0 267,7 2,4 1,3 9,2 4,50 9,38 250 6,00 375 15,74 218,9 27,1 277,1 2,4 1,3 10,2 4,53 10,38 313 4,00 375	54.		13.40	149.	21.5	160.9	1.9	::	5.2	3.94	***	062.	2.00		1.2
14.04 198.9 25.5 257.2 2.2 1.2 9.3 4.13 9.36 250 5.00 5.75 14.04 198.9 25.5 20.6 2.0 1.2 8.4 4.19 8.44 250 5.00 4.36 14.25 160.7 25.4 211.8 2.1 1.2 8.4 4.25 8.38 250 5.00 3.75 14.89 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 2250 5.00 4.38 15.10 210.8 28.4 264 2.4 1.3 9.2 4.50 9.38 220 5.00 4.38 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 250 6.00 3.75 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 313 4.00 3.75	. 43	5	13,60	194.	2.42	227.3	2.2	1.2	4.6	00.4	3.66	.250	-		9.2
14,25 179.3 24.8 208.5 2.1 1.2 8.4 4.19 8.44 250 5.00 4.30 14.45 180.7 25.4 211.8 2.1 1.2 8.3 4.25 8.36 .250 6.00 .375 14.45 160.6 24.7 103.6 2.0 1.1 7.4 4.30 7.44 .250 6.00 .438 15.10 210.8 28.4 264.4 264.4 2.4 1.3 9.2 4.44 9.44 .250 5.00 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.37	25	14.04	198.	25.5	237.2	2.2	1.2		4.13	9.38	.250	2.00	.375	5.6
14.45 180.7 25.4 211.8 2.1 1.2 8.3 4.25 8.38 .250 6.00 .375 14.89 160.6 24.7 183.6 2.0 1.1 7.4 4.38 7.44 .250 6.00 .438 15.10 210.8 28.4 26.4 1.3 9.3 4.44 9.44 .250 5.00 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.43	81	14.25	179.	24.8	208.5	2.1	1.2		4.19	3	.250	2.00	. 430	2.3
14.89 160.6 24.7 103.6 2.0 1.1 7.4 4.38 7.44 .25f 6.80 .438 15.10 210.8 28.4 264.4 2.64 1.3 9.3 4.44 9.44 .250 5.80 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.37	25	14.45	180.	25.4	211.8	2.1	1.2		4.25		.250	00 -9	.375	2.3
15.10 210.8 28.4 264.4 2.4 1.3 9.3 4.44 9.44 .250 5.00 .438 15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.43	181	14.89	160.	24.7	183.6	2.0	1:1		-	7.44	.250		.438	2.1
15.30 211.9 29.0 267.7 2.4 1.3 9.2 4.50 9.38 .250 6.00 .375 15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.4381	18	15.10	210.	28.4	564.4	5.4	1.3			9.44	.250	2.00	.438	5.6
15.74 218.9 27.1 277.1 2.4 1.3 10.2 4.63 10.38 .313 4.00 .375	.37	15	15.30	211	29.0	267.7	5.4	1.3		2	9.38	.250	6.00	.375	5.6
	2	151	15.74	218	27.1	277 1						***			7

									****	*** BEAM	DIMENS		*******
				RODULUS							ME8	_	ANGE
ONINAL	-	FT		ZFL	-	~	4 A		AREA	EPT	THICK	HIDIM	THICK
.375/		3.15		93.1		4.2	5.4	1.4	9.75	5.6	.375	9-00	.656
.438/		33.46	434.6	61.9	1078.5		5.2	13.2	9.0	14.53	.438 7.8	2.00	. 531
438	1.656T	2 5		1.00			2.5	1.2	9.97		024	00-0	. 656
438/		92		8		2.0	2.7	2.0	0.19	5.5	. 438	9	.531
438/	•	95		89.9		5.0	2.7	5.1	0.20		.438	5.00	.656
438/		96		67.9		4.7	5.6	3.1	92.01	4.5	.438	7.00	.594
438/	•	53		9.68			5.6	3.0	10.38	14.53	.438	8.00	.531
.438/		06		9.46			2.8	6:4	95.01	6.5	.438	6-00	.594
.438/		01		94.8	454.	2.5	8.2	2.0	65.0	6.7	.438	5.00	.719
438/		36.45		97.3	**11.		2.8		10.72	5	.438	7.00	.531
.438/	1,9947	36.99		96.4	251.	4.0	2.7	3.0	99.07	2	.438	8.80	.594
.438/		37.09		97.0	1252.7	4.8	2.7	5.9	10.01	;	.438		.531
.438/	•	37.94		104.2	536.	5.3	3.0		11.16	5	.438		.594
.438/		38.25		105.6		5.3	3.0	1:4	11.25	2	.438		.531
.438/		38.45		106.3	1577.6	2.4	3.0		11.31	16.72	.438		.719
. 438/		39.41		110.9	631.	5.5	3.1	4:1	11.59	9	.438	0	.656
.438/	•	36.68		113.6	658	5.5	3.1	4.6	11.75	16.59	.438		.594
438/		40.05		114.3	99	5.5	3.1	4.5	11.78	5	.438	0	.531
.438/		10.90		117.9	726	2.6	3.2		12.03	-	.436		.719
436/		41.65		121.5	1765.7	2.1	3.3		62.21	٥,	. 430		.636
10000	19690	41.75	20890	1111.5	1044.	2.0	3.5		97.21	10.00	0000	200	600
2007		42.09		111.5	657			0	2.38		200	5-00	.875
500/		42.70		116.9	1915.9	2.9	M. 20		2.56	5	.500	0	.594
.5007	•	42.81		116.9	1930.1	5.9	3.3	6.5	12.59	18.72	.500	2.00	.719
.438/		43.15		121.7	1536.0	5.3	3.1	5.6	12.69	9	.438	0	.656
.438/		43.35		129.3	1870.7	5.6	3.4	4.5	12.75	~	.436		.719
.438/		43.89		132.0	1896.4	5.8	3.4	:	15.91		.430		.656
.500		**		123.3	2016.3	9.0	3.4	4.9	16.2	9.0	.500		.656
.438/		00.55		132.6	1693.1	2.0	3.4		15.94	5	. 430	10-00	.594
120	70.7	45.30		120.0	1034.7	**			10.00	9 6			710
438/		46.10		142.5	2024-0	9	3.6	2	3.56	9.9	.438	0	.656
.5007		47.70		142.6	2297.3	6.3	3.7	6.1	14.03		.500	0	.719
1005		48.45	621.0	46	2364.2	4.9	3.8	2.9	14.25		.500		.875
.5007		ö	628.3	8	2472.7	6.5	3.9	6.6	14.75	~	.500		.719
.500/			630.3	58.	25052	9.9		2.9	14.91	9	.500	0	•656
1005.			630.0	29	2507.6		4.0	2.1	16.41	8.5	.500	0	.594
.500		=	637.3	9	2577.3	2.9	4.0		15.13	•	.500		.875
.5007		'n	2.049	68		2.9		2.1	19.41	8.7	.500	0	.719
.5007	•	95.90	641.3	0		6.7	<b>!</b> :1	2.6	15.56		.500		.656
2005	•	÷	651.7	11	2785.3	6.9	4.3	~	16.00		.500		.875
.500	1 .6561	55.15	651.3	61		6.9	7.4	5.5		9	280		989
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1.125 IN. PLATE (AREA= 43.03 SQ.IN.)

			SECT TON	MONIT IIS						****** BEAM DIMENSIONS	I DIMENS		TI ANGE
DMINAL	SIZE	WI/FT	ZPL	ZFL	INERTIA	~	4 A	4	AREA	DEPTH	THICK	WIOTH	THICK
	7 .188T	2.55	21.1	3.7	14.0	••		3.8	.75	3.19	.125	2.00	.188
.125/		5.99	28.2	1:1	19.3	9.			. 88	4.19	.125	2.00	.188
.125/		3.20	54.5	*	16.6	9.		3.8	*6.	3.19	.125	3.00	.188
5	1881	3.60	33.3	6.9	23.2			4.7	1.06	4.19	•125	3.00	.188
1887	.3131	4.69	37.7	2.6	27.0			6.9	1.38	4.31	.188	2.00	.313
.188/			*6.4	5.9	33.9	•		2.8	1.44	5.25	.188	2-00	.250
.188/		5.10	32.2	6.0	6.22	•		3.8	1.50	3.31	.168	3.00	.313
188	/ .313T	5.30	51.1	6.5	38.1	•			1.56	5.31	.188	2.00	.313
188/	1 -313T	2.95	67.8	7.8	9.29	1.0	••	6.9	1.75	6.31	.188	2.00	.313
.186/	1052. 1	6.39	73.1	9.6	57°9	1:0	••	6.7	1.88	6.25	.188	3.00	.250
.188/	7 .25 OT	6.60	63.5	8.7	1.64	1:0	•	5.7	1.94	5.25	.188	4-00	.250
2	1 .313T	6.80	52.7	8.5	40.6	6.	•	4.8	2.00	4.31	.188	4.00	.313
.188/	7 .313F	7.00	81.2	9.6	66.1	1.1	•	6.7	5.06	6.31	.166	3.00	.313
.100/	1.250T	7.24	83.6	10.3	68.7	1.1	•	6.7	2.13	6.25	.188	4.00	.250
.188/	1 .313F	7.45	71.7	10.1	58.0	1.0	•	5.8	2.19	5.31	.100	4-00	.313
.188/	1 .313T	8.03	93.8	11.9	19.8	1.2	6.	6.7	2.38	6.31	.188	4.00	.313
88	1 .313F	8.50	90.08	11.8	67.7	1.1		5.7	2.50	5.31	.188	2.00	.313
.250/		9.15	109.6	12.6	97.0	1.3	6.	7.7	5.69	7.31	.250	3.00	.313
.250/	1 .438T	9.55	100.6	13.0	8.00	1.3	6.	9.9	2.81	6.44	.250	3.00	.438
20	13751	9.79	118.6	14.0	106.0	1.4	6.	7.7	2.88	7.38	.250	3.00	.375
20	7 .313F	10.00	135.9	14.8	127.4	1.5	6.	9.6	2.94	8.31	.250	3.00	.313
20	1.3137	10.20	123.3	15.0	114.3	1.4	6.	7.6	3.00	7.31	.250	4.00	.313
20	·+381		127.0	15.3	116.9	1.5	6.	1.0	3.06	1.66	.250	3.00	.43
.250/		10.64	146.4	16.3	141.5	1.6		8.7	3.13	9.38	.250	3.00	.375
20		10.85	164.5	17.1	163.4	1.7	1.0		3.19	9.31	.250	3.00	.313
20	.3131	11.05	152.0	17.4	149.6	1.6	1:0	9.0	3.25	8.31	.250		.313
20	.3131	11.25	135.9	17.3	131.6	1.5	:	1.6	3.31	7.31	.250	2.10	.313
20	1984.	11.25	156.1	17.8	155.2	1.7	1:0	8.7	3.31	9.44	.250	3.00	.430
20		11.49	176.2	18.8	180.6	1.8	1:0	9.6	3.38	9.38	.250	3.00	.375
.250/		11.90	185.6	20.0	190.7	1.0	1.0	9.5	3.50	9.31	.250	4.00	.313
25		12.10	187.3	20.5	197.9	1.9	1:1	9.6	3.56	9.44	.250	3.00	. 43
2		12.10	166.4	20.1	171.3	1.7	-:	8.5	3.56	8.31	.250	2.00	.313
.250/		12.75	196.7	\$5.4	213.8	1.9	1.1	9.5	3.75	9.38	.250	4-00	.375
-250/		12.95	199.0	23.0	218.1	2.0	1:1	9.5	3.81	9.31	. 250	2.00	.313
2		13.19	1.001	22.8	134.8	1.0	1:1	9.6	3.88	6.38	.250	2.00	.375
250		13.40	159.9	22.0	168.3	1.7	1:1	1.6	3.94	7.44	.250	2.00	.438
15		13.60	208.2	24.7	236.1	2.0	1.1	9.6	4.00	9.44	.250	4.00	.43
150	13751	14.04	214.5	26.0	246.3	2.1	1.1	9.5	4.13	9.38	.250	5.10	.375
.250/		14.25	193.2	25.3	217.1	1.9	1:1	9.6	4.19	9.44	.250	2.00	.43
150		14.45	194.9	26.0	220.6	2.0	1.1	8.5	4.25	8.38	.250	6.00	.375
.250/		14.89	173.2	25.3	192.0	1.8	1.1	7.6	4.38	7.44	.250	6.00	.438
.250/		15.10	228.8	28.9	274.5	2.2	1.2	9.6	****	9.44	.250	2.00	.430
2507		15.30	230.1	29.5	278.0	2.2	1.2	4.6	4.50	9.38	.250	6.00	.375
313/	•	15.74	237.5	27.6	287.6	0.0		40.	4.62	10.38	-	4.00	375
										•			

1.250 IN. PLATE (AREA = 53.13 SQ.IN.)

SHEAR	AKEA	2.17	3.66	2.67	3.64	2.45	3.68	2.67	3.64	3.64	3.66	3.7	3.68	3.66	3.36	5.15	3.70	3.68	5.17	3.38	3.36	5.15	5-19	3.70	3.68	22.5	3.36	5.15	2013	5.22	5.16	5.19	5.17	5.22	5.19	5.17	6.91	96.9	5.19	5.17	6.91	6.97	7.79	40.9	
NGE	MICH	. 438	.438	.438	.375	. 438	.500	. 438	.375	.500	438	563	200	438		694	.563	.580	.531	.563	.500	.469	.594	.563	.51	.656	. 563	694.		. 656	644	.594	.531	•656	.594	.531	.531	165.	165.	.531	.531	.656	.531	105	***
FLANGE	E TOTA		4-00	9-11	2.00	7.80	**	7.00	6- 80	2.11	90 9	2.00	6.00	7.00	7.00	•	6.00	7.80	4.00	7.00	8.00	2.00	4.00	7.00	9.00	4.00	0.00		20.00		7.00	6.00	7.00	6-00	7.80	8.00	2.00	2.00	9.00	9.00	6.00	2.00	2.00	6-00	
WEB	HICK	.250	.313	.250	.313	.250	.313	.250	.313	Co.	313	313	313	313	313	.375	.313	.313	.375	. 313	.313	.375	.375	.313	.313	.375	.313	.375		375	375	.375	.375	.375	.375	.375	.438	.438	.375	.375	. 430	.438	.438	.638	. 100
	DEFIN	***	10.44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10-66	9.50	12.67	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	15.66	9.56	12.47	16.59	12.66	12.47	12.59	12.53	12.66	12.59	12.53	14.53	14.59	12.59	12.53	14.53	14.66	16.53	14.59	****
	AKEA	4.81	4.00		2.00	2.06	5.13	5.31	5.38	5.63	5.75				6.31	6.38	6.50	6.63	6.63	6.75	6.01	6.84	6.80	7.06	7.13	7.13	7.31	7.31		7.78	7.78	9.00	1.22		99.8	9.75	.78	9.09	9.25	9.50	9.31	9.41	9.66	09.6	
;	-	7.5	10.4	4.6	1:5	:	10.4	9.6	10.3	10.6	10.3					12.2	10.3	10.2	12.2	9.3	9.5	15.1	12.2	10.2	::	15.2	9.5	12.0			-	12.0	11.9	12.0	11.9	11.0	13.8	13.8	11.0	11.7	13.6	13.8	15.5	13.6	,,,,
•		1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	-	-			5		1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1:1	1.6	:	:			1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.3	2.2	,
•			2.3	2.3	2.4	2.5	5.4	4.2	2.5	2.6	2.6	2.7	2.7	2.7	2.6	3.0	2.8	6.2	3.1	2.7	2.7	3.1	3.1	3.0	3.0	3.2	2.8	200	? .		3.6	3.5	3.6	3.6	3.7	3.7	3.9	;	3.6	3.6	;	;	4.5	4.2	
		212.6	314.6	311.7	326.7	277.0	342.2	348.1	365.1	393.5	404.3	627.0	444.3	***	400.3	519.6	453.6	493.9	557.1	438.7	**1.4	506.4	6.465	538.8	543.7	631.5	483.6	651.6	2010	723.3	716.0	758.8	778.6	812.8	839.4	9.8.8	932.1	990.5	917.9	919.3	1028.2	1051.1	1258.1	1097.3	
HODOL US	111	9.82	30.1	33.1	31.6	32.8	32.7	37.2	35.5	38.0	39.3	41.2	63.2	63.0	43.0	42.6	17.1	11.5	1.5.1	17.5	17.0	49.5	1.8.	52.9	53.8	21.7	55.5	50.3		59.8	60.1	63.4	65.59	67.9	10.8	12.0	67.7	12.0	78.1	18.6	75.3	1.92	81.3	\$10.5	
SECT ION	1	185.2	250.6	545.5	582.9	221.7	263.0	260.2	272.1	283.6	287.4	296.1	301.7	302.7	276.4	339.3	314.6	317.3	351.9	289.1	289.6	360.9	363.9	330.6	331.6	374.9	302.1	379.6	201	399.1	396.2	407.1	411.3	419.5	424.6	426.0	461.8	474.6	439.9	439.7	4.82.0	487.1	2.945	495.5	
		16.35	16.59	16.59	17.00	17.20	17.44	16.05	18.29	19.16	19.55	20.20	20.84	21.05	21.45	21.69	22.10	22.54	22.54	25.95	23.15	23.26	23.39	24100	24.24	24.24	58-92	50.42	26.04	26.45	26.45	27.40	56.12	28.78	29.44	29.75	58.62	30.91	31.45	31.55	31.65	31.99	32.84	32.95	
	3776	.4381	.4381	.4381	.3751	.4381	.500T	.438T	.3751	.500T	1854	56.3T	50 OF	438T	.50 OT	1694.	. 563T	.500T	.531T	. 5631	. 500T	1694.	1965 ·	.563T	.5001	.656T	. 5631	1694.	56.25	16561	1694	1,66.	.531T	.656f	1,66.	.531f	.531T	1465 ·	1965.	.5311	.531T	.656T	.531T	1465.	
								.250/										.313/				.375/				.375/				375/		.375/	.375/	.375/	.375/	. 375/	.438/	.438/	.375/	.375/	.438/	.438/	.438/	. 438/	
-		×				8× 7×						2X				×*						2×	777	7×	200			× 2											12X 8X			2×	-	14X 6X	

1.2500 - 1 1/4 in.

											HEAH	_	SIONS		
				SECTION	HODOLUS							MEB	FLA	NGE	SHEA
-	INAL	SIZE	#1/FT	ZPL	147	INERTIA	œ	4	46	AREA	DEPTH	THICK	HIOIH	THICK	AREI
12X 8X	•		33.15	4.52.8	84.2	987.7	;	2.2	11.7	9.15	12.66	.375	8.00	.656	5.22
	1984.	.531T	33.46	6.664	83.0	11:22.9	4.2	2.2	13.5	9.84	14.53	.430	7.80	. 531	6.9
	•		33.90	9.095	86.2	1333.2	4.6	5.4		3.37	16.59	.438	2.00	.594	7.8
14x 6x	1864.		34.20	508.5	82.8	1167.5		2.3		10.06	14.66	.438	6.00	.656	6.9
	•		34.65	5.895	30.0	1381.4	4.7	2.4		10.19	16.53	.438	6.00	.531	7.7
16x 5x	•		34.99	573.7	91.1	1408.2	;	5.5		10.28	16.66	.438	2.00	.656	
	•		34.95	513.8	0.66	12021	:	2.3		10.28	14.59	.438	7.00	.594	6.9
	•		35.29	515.6	30.6	1216.1	:	5.4		10.38	14.53	.438	8.00	.531	6.9
	•		35.90	583.0	6.56	1468.8		5.5	-	10.56	16.59	.438	6.00	.594	7.8
	•		36.91	586.0	36.1	1483.0		5.5		10.59	16.72	.438	5.00	.719	7.8
6x 7x	•		36.45	587.4	99.6	1501.0		5.6		27.01	16.53	.438	7.00	.531	7.7
	•		36.99	530.1	97.6	1305.8	4.5	5.5		10.88	14.59	.438	8.00	.594	6.9
	•		37.09	529.9	38.2	1307.5	4.5	2.5	-	10.91	14.53	.438	9.00	.531	6.9
	•		37.94	602.4	105.5	1601.6	8.0	2.7		11.16	16.59	.438	7.00	.594	7.8
	•		38.25	604.2	107.1	1617.7	5.0	2.7	5	11.25	16.53	.438	8.00	.531	7.7
	•		38.65	4.609	107.7	1644.6	5.1	2.7		11.31	16.72	. 438	6.00	.719	7.8
		.656T	39.41	616.4	112.3	1781.8	5.1	2.8		11.59	16.66	.438	7.00	.656	7.8
16x 8x		1965	39.95	619.6	115.0	1731.0	5.5	2.8		11.75	16.59	.438	00-9	.594	7.
		.531T	40.05	619.3	115.7	1733.1	5.5	2.8		11.78	16.53	.438	9.00	.531	7.7
	•		40.90	629.6	119.4	1803.1	5.3	5.9		12.03	16.72	.438	7.00	.719	7.8
16x 8x	•		41.65	634.0	123.0	1864.9	5.3	5.9		12.25	16.66	.438	9.00	.656	7.8
	•		11.75	663.3	113.1	1923.3	5.4	6.2		12.28	18.66	.500	5.00	969.	9.9
16x 9x	1438/		*1.96	635.1	124.7	1859.2	5.3	5.9	14.9	12.34	16.59	.438	9.00	.594	7.81
	•		42.09	614.3	113.1	1731.4	5.1	8.2		12.38	16.88	.500	2.00	.875	9.0
18x 6x	•	1965.	42.70	6.219	118.5	1.998.7	5.5	3.0		15.56	18.59	. 500	6.00	.594	9.9
8X 5X	•		18.24	675.6	118.5	2013.6	5.5	3.0		15.59	18.72	.500	2.00	.719	6.6
14X10X	•		43.15	578.4	123.2	1612.0	6:4	5.0		15.63	14.66	.438	10.80	.656	6.9
6x 8x	•		43.35	647.1	130.9	1956.8	5.5	3.0		12.75	16.72	.436	9.00	.719	
6 x9	•		43.89	1.649	133.6	1984.6	5.5	3.1		15.31	16.66	. 438	9.00	.656	
8x 61	•	•	:	6.989	125.0	2105.2	3.6	3.1		15.94	18.66	.500	6.00	.656	6.6
16×10×	•		**.00	649.1	134.4	1966.6	5.5	3.1	-	15.34	16.59	. 438	10.00	.594	4.0
4×111	1984.		45.36	581.7	132.4	1715.2	5.1	3.0	_	13.34	14.66	.438	11.00	.656	6.9
6 x9	•		45.80	6.299	1.2.1	2109.7	5.6	3.2	16.0	13.47	16.72	. 430	9.00	.719	2.0
6X10			46.10	663.3	144.2	2121.5	9.6	3.2		13.56	16.66	.430	10.00	.656	:
8x 7		.7191	47.70	720.3	100.0	2.0045	;	3.3	-	14.03	18.72	. 500	2.00	.719	6.6
8x 61			49.45	728.7	147.9	2475.3		3.4	_	14.25	18.88	.500	6.00	. 875	10.0
	•	.7191	50.15	738.5	157.5	2592.0	2.9	3.5	16.5	14.75	19.72	. 500	:	.719	9.9
18x 9x	•		69.05	741.2	160.6	2627.6	6.2	3.5	19:4	16.91	18.66	.500	9.00	.656	6.6
18X10X			20.80	740.8	161.4	2629.7	2.9	3.5	_	14.94	18.59	. 500	10.00	165.	6.6
8x 7	•		51.44	6.642	163.6	2703.7	6.3	3.6	16.9	18.13	18.88	.500	2.00		10.0
X6 X8	•		85.26	154.5	170.3	2774.8		3.7	16.3	19.41	18.72	. 500	9.00	.719	6.6
18X10X	1005. X	.6561	\$2.98	1.55.4	172.2	2731.7	*	3.7	16.2	15.56	18.66	.500	10-00	.656	6.6
8 × 8	•		24.40	768.6	179.4	5.2262	6.5	3.6	16.3	16.00	18.88	. 500	8.00	.875	:
AX111			24. 25	764.		3056. 6	*			33	**			**	0
	•		23.47			C 2 2 2 2 2 2	9.3	3.0	1001	22.01	10.00			.000	200

HORITAL SIZE  HO	. 500/ . 500/ . 500/ . 625/										2 37	173	N.C.	CHEAD
STATE   STAT	500/ 500/ 500/ 625/ 625/		SECT ION	MODRICUS									300	1
\$257, 7571 59.94 7772 221.0 4587.1 6.8 4.2 15.4 17.5 10.07 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.00 5.5 10.		T 7/TH	767		MERTIA	~	•	44	AREA	DEPTH	THICK	WIDTH	THICK	AREI
\$507, \$751	.500/	\$6.65	194.1		3307.1	6.9	4.2	15.0	17.63	18.72	.500	12.00	.719	9.99
6257 6751 70.14 915.2 233.3 4287.7 7.7 4.0 10.4 20.13 2.75 625 6.00 625 7.75 625 7.75 625 7.75 7.75 7.75 915.2 251.1 4567.3 7.0 4.0 10.2 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 915.2 251.1 4567.3 7.0 4.0 10.2 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 915.2 251.1 4567.3 7.0 4.0 10.2 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 915.2 251.1 4567.3 7.0 4.0 10.2 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 917.5 251.1 10.0 21.0 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 91.0 21.0 21.0 21.0 21.0 21.0 625 91.0 625 7.75 7.75 91.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	.625/	60.35	799.2		3356.		4.2	15.9	17.75	10.00	.500	10.00	. 875	::
6257 7701 7711 915.2 244.0 4430.4 7.0 4.0 10.2 210.0 211.0 655 10.0 6257 7701 771.0 922.9 251.1 4667.3 7.0 4.0 10.2 210.0 211.0 655 11.0 6557 6557 770 75 99 940.9 251.7 4667.3 7.0 9.0 10.2 21.0 10.2 21.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91.0 6.5 91	1629.	68.44	907.2	_	4287.7	1:1	:		20.13	21.88	.625		. 875	14.4
6257 6751 77.49 924.9 254.1 4467.3 7.8 4.9 18.2 21.00 21.88 6.65 10.10 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 10.25 1		70.14	915.2	_	4430.9	:	;	10.2	20.63	21.75	.625	10.00	.750	14.30
6257 7567         72 69 9294 25997 66694         7.9 5.0 16.0 21.30 21.75 52.75 50.0         5.1 16.0 21.30 21.75 52.20         5.5 17 9 23.25 22.10         5.5 17 0 21.00         21.00 21.00         5.5 17 0 21.00         21.00 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5 17 0 21.00         5.5	.629	71.40	654.9		4567.3		6:	18.2	21.00	21.88	.625	9-00	.875	14.4
0.257	.625/	72.69	95676		4669.0	6.2	5.0	::	21.38	21.75	.625	11.00	.750	14.30
6257.1257         79.05         967.6         2966.2         9.0         5.5         17.6         23.5         22.13         .625         9.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625         12.0         .625	1629.	74.39	6.016		4643.5		5.1	10.0	21.88	21.88	.625	10.00	. 875	16.4
6257 - 8757         80.34         96.77         3195.2         95.9         17.6         23.6         17.6         23.6         12.0         659         13.0         659         13.0         659         13.0         659         13.0         659         13.0         659         13.0         659         13.0         659         13.0         659         13.0         659         652         13.0         659         652         13.0         659         652         13.0         659         652         13.0         659         652         659         13.0         659         659         13.0         659         659         13.0         659         659         13.0         13.0         659         13.0         13.0         659         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0	.625/1	79.05	967.6		5301.5		5.5	17.9	23.25	22.13	.625	9.00	1.125	14.61
6.664, 6757 82.89 1667.1 318.5 6253.9 9.0 5.9 28.3 24.3 24.80 .600 9.00  6.667, 6757 85.89 1067.1 341.3 5622.1 8.5 5.7 17.4 24.5 0 21.00  6.667, 6757 85.89 1064.1 341.3 5770.2 8.6 5.9 17.2 25.3 24.80 .605 110.00  6.667, 6757 86.89 1064.1 341.3 5770.2 8.6 5.9 17.2 25.3 24.80 .605 110.00  6.667, 6757 86.89 1064.1 341.3 5770.2 8.6 5.9 17.2 25.3 26.80 .600 110.00  6.667, 6757 86.89 1114.0 369.2 7163.0 9.5 6.4 19.9 26.13 24.80 .600 110.00  6.667, 6757 91.00 1114.0 369.2 7163.0 9.5 6.4 19.9 26.13 24.80 .600 12.00  6.667, 6757 91.00 1114.0 369.2 7163.0 9.7 6.7 194. 27.80 24.80 .600 12.00  6.667, 6757 91.00 1114.0 369.2 7163.0 9.7 6.7 194. 27.80 24.80 .600 12.00  6.667, 6757 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 24.80 .600 12.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 24.80 .600 12.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 24.80 .600 12.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 24.80 .600 12.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 27.80 .750 11.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 9.9 7.0 194. 27.80 27.80 .750 11.00  6.7507, 11257 101.59 1246.5 411.1 7911.4 1.0 7.2 12.2 29.2 27.1 11.0 11.0 11.0 11.0 11.0 11.0 11.0 1	1629.	88.34	967.7		5366.8	:	5.5	17.6	23.63	21.00	. 629	12.00	.075	14.4
6267 6757 63.30 979.5 323.3 5622.1 6.5 5.7 17.4 24.50 21.00 .625 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6667 13.00 .6677 10.00 13.13 13.20 6730.6 9.3 6.2 20.2 25.35 25.13 .660 10.00 .6667 13.25 13.00 .6677 10.00 13.00 13.00 .6677 10.00 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6677 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00 .6777 13.00	1989.	82.89	1067.1		6253.9		5.9	20.3	24.30	24.88	.680	9.00		17.9
6567, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 6757         65.95, 67.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95, 68.00         65.95	.625/	83.30	979.5		5622.1	8.5	5.7	17.4	24.50	21.88	.625	13.00	.075	14.46
.665/.0757 66.29 990.1 341.3 5876.2 6.6 5.9 17.2 25.3 21.06 .625 14.00 .668/.01257 66.7 1093.3 332.6 6736.6 9.3 6.2 25.2 25.5 25.13 .606 0.00 .668/.01257 66.4 1093.3 332.6 6736.6 9.3 6.2 25.2 25.5 25.13 .606 0.00 .668/.01257 90.54 1113.0 359.2 7163.0 9.5 6.4 19.9 26.13 25.13 .606 11.00 .668/.01257 90.54 1113.0 359.2 7163.0 9.5 6.4 19.9 26.6 25.13 .606 11.00 .668/.01257 90.54 1114.0 359.2 7163.0 9.5 6.4 19.9 26.6 25.13 .606 12.00 .668/.01257 99.6 1114.0 390.1 7572.7 9.5 6.5 19.6 27.0 25.0 6.0 13.0 .668/.01257 99.6 12.10 1114.0 390.1 7572.7 9.5 6.5 19.6 27.0 25.0 6.0 13.0 .668/.01257 99.6 12.0 1114.0 99.4 12.0 27.0 25.0 27.0 25.0 27.0 25.0 13.0 .750/.1.257 99.4 12.0 12.0 27.0 25.0 27.0 25.0 27.0 25.0 13.0 .750/.1.257 190.59 1246.5 410.0 913.0 10.5 7.3 21.0 22.0 29.0 27.0 27.0 13.0 .750/.1.257 190.59 1246.5 410.0 913.0 10.5 7.3 21.0 29.0 27.0 27.0 13.0 .750/.1.257 190.59 1246.5 410.0 913.0 10.5 7.3 21.0 29.0 27.0 27.0 750/.1.257 190.59 1246.5 410.5 9916.6 10.0 7.3 21.0 30.3 27.0 27.0 750/.1.257 190.59 1246.5 410.5 9916.6 10.0 7.3 21.0 30.3 26.13 7.5 110.0 77.0 1279.3 450.5 9916.6 10.0 7.5 21.0 30.3 75.2 21.3 37.3 10.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	1989	85.85	1004-1		6592.6	3.5	;	28.0	25.25	24.00	.66	10-00	.075	17.90
.600/1.1257 06.70 1093.3 332.0 6730.6 9.3 6.2 20.2 25.50 25.13 .600 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.	.625/	86.29	990.1		5870.2	9.0	6.5	17.2	25.38	21.88	. 625	14-00	.875	14.4
.688/.1257 94.54 1113.0 359.2 7552.7 9.5 6.4 19.0 26.13 24.06 .688 11.00 .688/.1257 94.54 1113.0 359.2 7552.7 9.5 6.4 19.0 26.63 25.13 .688 12.0 .688/.1257 94.79 1114.0 316.1 7772.8 9.7 6.7 19.4 27.80 24.00 .688 13.0 .688/.1257 94.79 1127.1 390.1 7772.8 9.7 6.7 19.4 27.80 24.00 .688 13.0 .688/.1257 94.79 1127.1 390.1 7772.8 9.7 6.7 19.4 27.80 24.00 .688 13.0 .588/.1257 101.59 1246.5 410.0 9131.0 10.4 7.2 22.2 29.25 28.13 .750 11.0 .758/.1257 101.59 1246.5 410.0 9131.0 10.4 7.2 22.2 29.25 28.13 .750 11.0 .758/.1257 101.59 1246.5 410.0 9131.0 10.6 7.3 21.9 30.8 27.0 .750 11.0 .758/.1257 101.59 1246.5 410.0 9131.0 10.6 7.3 21.9 30.8 27.0 .750 11.0 .758/.1257 101.59 1246.5 410.0 9131.0 10.6 7.5 21.9 30.8 27.0 .750 11.0 .758/.1257 100.1 122.4 11.0 9.1 22.1 31.0 0.75 11.0 .758/.1257 110.9 1296.6 417.5 10029.4 11.0 9.0 21.1 3.6 0.0 31.3 .750 11.0 .875/1.3757 122.4 130.9 1446.5 649.1 14950.2 12.3 9.0 22.3 40.00 31.3 .750 11.0 .875/1.3757 142.0 1499.4 659.0 1494.7 12.6 10.0 22.7 41.30 .075 11.0 .875/1.3757 142.0 1501.5 1501.5 12.6 10.1 22.7 41.30 .075 11.0 .875/1.3757 142.0 1501.5 1501.5 12.6 10.1 22.7 41.3 34.30 1.00 11.0 .875/1.3757 142.0 1501.5 1201.5 12.5 12.3 42.0 31.3 34.3 11.0 11.0 .875/1.3757 142.0 166.3 771.6 10059.2 13.7 11.3 22.3 42.0 34.30 1.00 11.0 .875/1.3757 172.4 1016.3 059.6 22333 14.7 12.3 26.1 50.65 37.13 1.00 11.0 .875/1.3757 172.4 1016.3 059.6 22332 14.7 12.3 26.1 50.6 37.3 1.00 11.0 .875/1.3757 172.4 1016.3 059.6 22332 14.7 12.3 26.1 50.0 34.30 1.00 11.0 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.3 26.1 50.0 34.30 1.00 11.0 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.8 25.2 11.3 37.3 1.00 11.0 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.8 25.2 11.3 37.3 1.00 11.00 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.8 25.1 34.3 1.00 11.00 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.8 25.1 34.3 1.00 11.00 .876/1.3757 172.4 1016.3 059.6 22332 14.7 12.8 25.8 11.3 37.3 1.00 11.00 .876/1.3757 172.4 1016.3 050.6 22332 14.7 12.8 25.8 11.3 37.3 1.00 11.00 .876/1.3757 172.4 1016.3 10.0 12.0 12.0 12.0 12.0 12.0		86.70	1093.3	_	6730.6	9.3	2.9	20.5	25.50	25.13	.680		1.125	19-19
.660/1.1257 90.54 1113.0 359.2 7163.0 9.5 6.4 19.9 26.63 25.13 .600 9.00 .600/.0757 91.00 1114.0 369.7 7722.7 9.5 6.5 19.6 27.00 24.00 .600 12.00 .600//.0757 91.00 1114.0 369.7 7722.7 9.5 6.5 19.6 27.00 24.00 .600 13.00 .600/1.1257 99.49 1127.1 390.1 7792.4 9.7 7.0 19.4 20.00 25.13 .600 13.00 .750/1.1257 99.49 12240 44.29 7.0 10.4 7.2 22.2 29.25 20.13 .750 0.00 .750/1.1257 101.59 1266.5 441.0 911.0 7.3 21.9 30.0 27.0 .750 11.00 .750/1.1257 101.59 1266.5 441.0 911.0 7.3 21.9 29.0 20.13 .750 11.00 .750/1.1257 101.59 1266.5 441.0 911.0 7.5 21.9 30.75 27.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 1	-	98.94	1099.6		9.4269	9.3		19.0	26.13	24.88	.688	11.0	. 875	17.90
.688/ .8757 31.00 1114.0 369.7 7252.7 9.5 6.5 19.6 27.00 24.00 .686 12.00 .688/ .8757 94.79 1127.1 390.1 7572.0 9.7 6.7 194.6 27.00 25.13 .600 13.00 .688/ .8757 94.79 1127.1 390.1 7572.0 9.7 6.7 194.6 27.00 25.13 .600 13.00 .750/ .8751 101.59 1246.5 4110.1 8095.0 110.4 7.2 22.2 29.25 20.13 .750 0.00 .750/ .8751 101.59 1246.5 410.0 9131.0 110.6 7.3 21.0 29.00 27.00 .750 11.00 .750/ .8751 101.59 1260.4 429.7 9415.0 110.6 7.3 21.0 29.00 27.00 .750 11.00 .750/ .8751 104.59 1260.4 429.7 9415.0 110.6 7.5 21.0 30.30 20.13 .750 9.00 .750/ .8751 100.94 1296.6 497.5 10400.3 11.0 0.0 21.4 32.6 31.70 20.13 .750 11.00 .8757/ .3751 110.94 1296.6 497.5 10400.3 11.0 0.3 21.4 32.0 30.00 .750 11.00 .8757/ .3751 122.40 1304.5 507.7 10829.4 11.0 0.3 21.4 32.0 12.0 30.0 .875 11.00 .8757/ .3751 122.40 1304.5 507.7 10829.4 11.0 0.3 21.4 32.0 10.0 31.13 .075 11.00 .8757/ .3751 140.09 1406.5 649.1 14630.2 12.4 9.7 23.0 40.00 31.13 .075 11.00 .8757/ .3751 140.09 1406.5 649.1 14630.2 12.0 10.0 22.7 41.30 31.30 .075 11.00 .8757/ .3751 140.09 1501.5 600.9 15160.7 12.6 10.1 22.3 42.00 31.13 .075 11.00 .10.00 .8757/ .3751 142.00 1501.5 600.9 15160.7 12.6 10.1 22.3 42.00 31.13 .075 11.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10	1989.	99.54	1113.0		7163.0	9.5		19.9	26.63	25.13		9.0	1-125	10.19
.688/.8757 94.79 1127.1 390.1 7572.0 9.7 6.7 19.4 27.00 24.00 .600 13.00 .688/112557 98.19 1145.6 411.1 7901.4 9.9 7.0 19.4 20.00 25.13 .600 11.00 .750/.12557 99.45 1246.5 410.0 0995.0 10.4 7.2 22.2 22.2 29.2 20.13 .750 0.00 .750/.1257 101.29 1246.5 410.0 9113.0 10.4 7.3 21.0 29.0 27.0 7.70 11.00 .750/.1257 101.29 1246.5 410.0 9113.0 10.6 7.5 21.0 29.0 27.0 7.70 11.00 .750/.1257 101.29 1260.4 429.7 9415.0 10.6 7.5 21.0 30.30 20.13 .750 11.00 .750/.1257 102.29 1260.4 429.7 9415.0 10.6 7.5 21.0 30.30 20.13 .750 11.00 .750/.1257 102.29 1260.4 429.7 9415.0 10.6 7.5 21.0 30.30 20.13 .750 11.00 .750/.1257 102.29 1260.4 429.7 9415.0 10.6 7.5 21.0 30.30 20.13 .750 11.00 .750/.1257 102.29 1260.6 497.5 10400.3 11.0 8.0 21.4 32.6 3 20.13 .750 11.00 .875/1.3757 136.00 1479.1 621.3 14276.0 12.4 9.7 23.0 40.00 31.30 .075 11.00 .875/1.3757 136.00 1479.1 621.3 14276.0 12.4 9.7 23.0 40.00 31.3 .075 11.00 .875/1.3757 154.70 1540.6 59.0 1540.7 12.6 10.1 22.3 42.0 31.3 .075 11.00 .10.00 .875/1.3757 154.70 1540.9 1540.7 12.6 10.1 22.3 42.0 31.3 .075 11.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .10.00 .	.688/	91.80	1114.0		1252.7	9.6	6:5	19.61	27.00	24.88	.688	12.00	.875	17.9
. 660/1.125f 96.19 1145.6 411.1 7901.4 9.9 7.0 19.4 20.00 25.13 .600 11.00 1.750 1.1.00 1.750 1.1.1257 99.45 1239.2 400.6 0095.0 10.4 7.2 22.2 29.25 20.13 .750 10.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.750 1.1.00 1.2.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00 1.1.00	.688/	94.79	1127.1		1572.8	1.6		19.4	27.88	24.08	.688	13.00	. 675	17.9
. 750/1.1257 99.45 1239.2 400.6 0095.0 10.4 7.2 22.2 29.25 20.13 .750 6.00 .750 11.00 .750/1.1257 101.59 1246.5 410.0 9131.0 10.5 7.3 21.0 29.00 27.00 .750 11.00 .750/1.1257 101.59 1246.5 410.0 9916.6 10.6 7.5 21.0 30.75 27.00 .750 12.00 .750/1.1257 107.10 1279.3 450.5 9916.6 10.0 7.0 21.6 31.50 20.13 .750 12.00 .750/1.1257 110.94 1296.6 497.5 10400.3 11.0 0.0 21.4 32.63 20.13 .750 11.00 .755/1.3757 122.40 1340.5 517.7 1029.4 11.0 0.0 21.4 32.63 20.13 .750 11.00 .875/1.3757 122.40 1340.5 517.7 1029.4 11.0 0.0 21.4 32.63 20.13 .750 11.00 .875/1.3757 136.90 1479.1 621.3 14276.0 12.4 9.7 23.0 40.00 31.33 .875 11.00 .875/1.3757 140.69 1490.4 659.0 14947.6 12.6 10.0 22.7 41.30 31.33 .875 11.00 .875/1.3757 154.70 1547.4 175.0 1640.1 12.0 31.13 .875 11.00 .875/1.257 154.70 1547.4 175.0 1640.9 15160.7 12.6 10.1 22.3 42.00 31.33 .875 11.00 11.00 .100/1.3757 152.4 1016.3 859.6 22393.3 14.7 11.3 24.4 40.00 34.30 1.000 13.00 13.00 .100/1.3757 172.9 172.9 177.0 188910.2 13.7 11.3 24.4 40.00 34.50 1.000 13.00 13.00 11.00 .1.00/1.3757 172.9 172.9 175.0 124.0 244.2 12.5 12.0 22.7 59.13 37.33 1.000 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00	•	98-19	1145.8		7981.4	6.6	:	19.61	28.88	25.13	.688	11.00	1.125	10.15
. 7507 . 6757 101.59 1246.5	•	39.45	1239.2		0.5600	10.4	7.2	25.2	29.25	28.13	.750	. 9	1.125	22.04
. 750/1.1257 103.29 1260.4 429.7 9415.0 10.6 7.5 21.9 30.30 20.13 .750 9.00 . 750/1.1257 104.55 1262.1 441.5 9957.2 10.7 7.5 21.6 30.75 27.00 .750 12.00 . 750/1.1257 100.45 1296.6 497.5 10400.3 11.0 0.0 21.4 32.63 20.13 .750 110.00 . 750/1.1257 110.94 1296.6 497.5 10400.3 11.0 0.0 21.4 32.63 20.13 .750 110.00 . 875/1.3757 122.40 1304.5 507.7 10029.4 11.0 0.0 21.4 36.00 20.30 .075 99.00 . 875/1.3757 122.40 1304.5 507.7 10029.4 11.0 0.0 22.5 40.00 31.33 .075 10.00 . 875/1.3757 140.69 1400.4 652.3 14276.0 12.4 9.7 23.0 40.00 31.33 .075 110.00 . 875/1.3757 140.69 1400.4 659.0 14947.6 12.6 10.0 22.7 41.36 31.33 .075 110.00 . 875/1.3757 140.69 1400.4 659.0 14947.6 12.6 10.0 22.7 41.36 31.33 .075 110.00 . 875/1.3757 140.69 1400.4 1501.5 10.00 31.33 .0.75 14.00 . 875/1.3757 140.69 1400.4 1600.9 154.6 10.0 34.30 1.000 13.00 . 875/1.3757 15.20 1666.9 771.6 10090.2 13.7 11.3 24.3 40.13 34.36 1.000 13.00 . 875/1.3757 172.14 1016.3 059.6 22393.3 14.7 12.3 26.1 50.63 37.13 1.000 13.00 . 1000/1.3757 172.04 1029.7 672.3 22010.3 12.6 22.7 50.0 34.30 1.000 10.00 . 1000/1.3757 101.90 1751.1 906.0 22476.3 14.4 12.5 26.2 59.0 34.30 1.000 10.00	.750/	101.59	1246.5		9131.8	10.5		21.0	59.88	27.88	.750	11.00	.875	21.89
. 7507 . 6757 104.55 1262.1 441.5 9527.2 10.7 7.5 21.6 30.75 27.08 . 750 12.00 . 7507 . 104.55 1262.1 441.5 9512.2 10.7 7.5 21.6 31.50 20.13 . 750 10.00 . 7507 . 12.00 . 7507 . 12.00 . 12.00 . 21.4 31.50 20.13 . 750 10.00 . 7507 . 12.00 . 12.00 . 12.00 . 21.4 35.01 20.13 . 750 11.00 . 7577 . 12.00 . 12.00 . 12.0 . 21.4 35.01 20.30 . 0.75 9.00 . 87571.3757 122.40 1479.1 621.3 14276.0 12.4 9.7 23.0 40.00 31.33 . 0.75 10.00 . 87571.3757 140.69 140.69 1496.6 649.1 14630.2 12.5 9.0 22.5 40.00 31.13 . 0.75 11.00 . 87571.3757 140.69 1496.6 659.8 14947.6 12.6 10.0 22.5 40.00 31.13 . 0.75 11.00 . 87571.3757 140.69 1496.6 659.8 14947.6 12.6 10.0 22.3 40.00 31.13 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75 11.00 . 0.75	•	103.29	1260.4		9415.0	10.6	5:2	6.12	30.38	20.13	.750	9.0	1-125	22.14
. 750/1.1257 187.18 1279.3 456.5 19.8 7.8 21.6 31.50 20.13 .750 10.00	•	114:55	1562.1		9527.2	19.7	5:2	51.6	30.75	27.88	.750	12.00	.875	21.85
110.94 1296.6 497.5 10400.3 11.0 0.0 21.4 32.63 20.13 .750 11.00 125.40 1304.5 507.7 10029.4 11.0 0.3 21.3 36.00 20.30 .075 9.00 135.00 1479.1 621.3 14274.0 12.4 9.0 21.3 36.00 20.30 .075 10.00 136.99 1406.5 649.1 14630.2 12.5 9.0 22.7 41.30 31.33 .075 13.00 140.69 1409.4 659.0 14947.6 12.6 10.0 22.7 41.30 31.33 .075 13.00 142.80 1501.5 690.9 15169.7 12.6 10.0 22.7 41.30 31.33 .075 11.00 145.7 11.3 24.3 45.00 31.33 .075 14.00 153.2 14.00 153.2 1666.9 771.6 10055.9 13.7 11.3 24.4 40.00 34.50 1.000 110.00 172.14 1016.3 059.6 22393.3 14.7 11.3 24.3 40.13 34.30 1.000 13.00 172.9 1704.0 050.7 20375.8 14.0 12.0 22.7 50.63 37.13 1.000 13.00 172.9 1704.0 12.0 24.02.5 15.2 13.1 25.9 53.50 34.30 1.000 10.00 10.00 10.00 175.11 906.0 22476.3 14.4 12.5 25.0 57.0 17.00 10.00 10.00 175.11 906.0 22476.3 14.4 12.5 25.0 57.0 17.0 10.00 10.00 10.00 175.11 906.0 22476.3 14.4 12.5 22.0 55.0 57.7 1.000 10.00 10.00	•	107.10	1279.3		9916.6	19.0	:	21.6	31.50	28.13	.750	10.00	1.125	22.04
122-40 1304-5 507-7 10029-4 11.0 9.3 21.3 36.00 20.30 .075 9.00 136.00 1479-1 621.3 14276-0 12-4 9.7 23.0 40.00 31.33 .075 10.00 136.00 1479-1 621.3 14276-0 12-5 9.0 22.5 40.00 31.33 .075 13.00 142.00 1501-5 649-1 14947-6 12-6 10.0 22.7 41.30 31.30 .075 11.00 142.00 1501-5 600-9 15160-7 12-6 10.0 22.7 41.30 31.33 .075 11.00 142.00 1501-5 600-9 15160-7 12-6 10.0 22.7 41.30 31.33 .075 14.00 153.20 1666-9 771-6 10055-9 13-7 11.3 24.4 40.00 34.50 1.000 10.00 163.00 172-14 1016-3 059-6 22393-3 14-7 12-3 26-1 50-63 37-13 1.000 13-00 173.00 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10 107-3 10-10	•	110.94	1296.6		6.00.3	11.0	:	\$1.4	32.63	28.13	.750	11.00	1.125	22.04
136.99 1466.5 649.1 14676.2 12.6 9.7 23.0 40.00 31.33 .075 10.00 136.99 1406.5 649.1 14630.2 12.5 9.0 22.5 40.00 31.13 .075 13.00 140.69 1406.5 649.1 14630.2 12.5 9.0 22.5 40.00 31.13 .075 13.00 140.69 1400.4 659.0 14947.6 12.6 10.0 22.7 42.30 31.33 .075 14.00 154.70 1547.4 775.0 1666.5 7 12.6 10.1 22.3 42.00 31.13 .075 14.00 153.20 1666.9 771.6 1665.9 13.7 11.3 24.4 40.00 34.50 1.000 11.00 172.14 1016.3 059.6 22.393.3 14.7 12.3 24.3 40.13 34.30 1.000 11.00 172.99 1704.0 060.7 20375.3 14.7 12.3 26.1 50.65 34.30 1.000 13.00 173.00 1873.7 944.0 24482.5 15.2 13.1 25.9 53.5 37.75 1.000 10.00 10.00 10.70 1751.1 966.0 22476.3 14.4 12.6 22.6 55.00 34.30 1.000 10.00 10.70 1751.1 966.0 22476.3 14.4 12.6 22.6 55.00 34.30 1.000 16.00		122.40	1304.5		1.6290	11.0		21.3	36.00	28.38	.875	9.0	1.375	25.93
136.99 1486.5 649.1 14650.2 12.5 9.8 22.5 40.86 31.13 .075 13.00 140.69 1496.4 659.8 14947.6 12.6 10.0 22.3 42.00 31.13 .075 11.00 154.70 1547.4 775.8 15166.7 12.6 10.1 22.3 42.00 31.13 .075 14.00 155.20 1666.9 771.6 1685.9 13.7 11.3 24.4 40.00 34.50 1.00 11.00 153.00 172.14 1016.3 659.6 22393.3 14.7 12.3 24.3 40.13 34.30 1.00 11.00 172.99 1704.0 860.7 20375.3 14.7 12.3 26.1 50.63 37.13 1.000 13.00 173.04 1623.7 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 10.00 10.00 175.14 1673.7 944.0 24482.5 15.2 13.1 25.9 53.50 34.30 1.000 10.00 10.00 10.00 175.11 966.0 22476.3 14.4 12.6 22.8 55.00 34.30 1.000 10.00 10.00		136.00	1479.1		4276.0	15.4	2.	23.0	:	31.38	. 675	10.00	1.375	28.59
142.80 1590.4 659.8 1546.7 12.6 10.1 22.7 41.36 31.30 .875 11.00 142.80 1597.4 57.8 15.00 142.80 1597.4 57.8 15.00 14.00 14.10 154.70 1547.4 775.0 1666.7 12.6 13.1 10.9 21.7 45.50 31.30 .075 14.00 155.70 1547.4 775.0 1686.9 13.7 11.3 24.3 40.0 34.30 1.00 11.00 153.64 1666.1 777.0 1685.9 13.7 11.3 24.3 40.13 34.30 1.00 11.00 172.14 1016.3 859.6 22393.3 14.7 12.3 24.3 40.13 34.30 1.00 13.00 175.0 167.3 26.1 26.1 26.1 26.1 37.13 1.00 13.00 175.0 167.3 7.13 1.00 13.00 175.0 167.3 7.13 1.00 13.00 13.00 175.0 175.1 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 187.90 175.1 966.0 22476.3 14.4 12.5 25.8 55.00 34.30 1.000 10.00	.875/1.	136.99	1486.5		4630.2	15.5	:	55.22		31.13	. 175	13.00	1.125	28.33
155.70 1547.4 775.0 16061.6 15.1 10.9 21.7 45.50 31.30 .675 14.00 155.7 15.67 15.67 15.00 155.7 15.67 15.00 155.7 11.3 24.4 40.00 34.50 1.00 11.00 155.20 1666.9 771.6 10055.9 13.7 11.3 24.3 40.13 34.36 1.000 11.00 172.14 1016.3 059.6 22393.3 14.7 12.3 24.3 40.13 34.36 1.000 13.00 172.9 1704.0 050.7 20375.8 14.7 12.3 26.1 50.63 37.13 1.000 13.00 173.00 173.0 1.000 15.3 14.4 12.6 25.9 53.5 37.3 1.000 13.00 10.00 10.00 175.14 1073.7 944.0 2442.5 15.2 13.1 25.9 53.5 37.75 1.000 10.00 10.00 10.00 175.11 906.0 22462.5 15.4 12.6 22.8 55.00 34.30 1.000 10.00	.875/1.	140.69	1496.4		902.60	12.6		25.7	11.30	31.38	. 875	11-00	1.375	20.55
153.20 1666.9 771.6 100551.5 11.3 24.4 60.00 34.50 1.00 18.00 153.20 1666.9 771.6 100552 13.7 11.3 24.5 60.00 34.50 1.000 11.00 172.14 1666.1 777.0 100502 13.7 11.3 24.3 46.13 34.50 1.000 11.00 172.14 1016.3 059.6 22393.3 14.7 12.3 26.1 50.63 37.13 1.000 13.00 172.99 1704.0 050.7 20375.8 14.7 12.3 26.1 50.63 37.13 1.000 13.00 172.99 1704.0 050.7 20375.8 14.0 12.0 23.7 50.66 34.30 1.000 13.00 101.90 101.90 1751.1 906.0 22402.5 15.2 13.1 25.9 53.50 34.30 1.000 10.00 107.00 1751.1 906.0 22402.5 15.4 22.0 55.00 34.30 1.000 10.00		142.80	1501.5		2168.7	9.21	-	55.3	20.24	31.13	518		1.129	50.3
153.20 1666.9 771.6 18895.9 13.7 11.3 24.4 48.00 34.50 1.000 18.00 153.64 1666.1 777.0 18896.2 13.7 11.3 24.3 48.13 34.36 1.000 11.00 172.14 1816.3 89.6 22393.3 14.7 12.3 26.1 50.63 37.13 1.000 13.00 172.99 1704.0 860.7 20375.8 14.0 12.0 23.7 50.80 34.30 1.000 13.00 173.04 1829.7 072.3 22818.3 14.0 12.5 26.2 51.13 37.30 1.000 13.00 181.90 1873.7 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 1877.9 1751.1 966.0 22476.3 14.4 12.0 22.0 55.00 34.30 1.000 16.00	4X -875/1-3751	154.70	1547.4		6861.6	13.1	10.9	21.7	45.50	31.36	.875	-	1.375	28.55
163.64 1666.1 777.0 18890.2 13.7 11.3 24.3 48.13 34.38 1.000 11.00 177.14 1016.3 85.5 8 1.000 11.00 177.14 1016.3 85.6 85.6 85.7 85.1 80.6 85.3 87.13 1.000 13.00 177.9 1764.0 860.7 22817.3 14.0 12.0 23.7 80.8 84.3 1.000 13.00 173.04 1873.7 944.0 2468.3 14.2 12.1 25.9 53.5 87.3 1.000 11.00 187.9 1873.7 944.0 2468.2 5 15.2 13.1 25.9 53.5 87.3 1.000 10.00 187.9 1751.1 986.0 22476.3 14.4 12.8 22.8 55.00 34.3 1.000 16.00	UX1.000/1.500T	163.20	1666.9		6.558	13.7	11.3	3		34.50	1.000	10.0	1.500	35.73
172.14 1016.3 059.6 22393.3 14.7 12.3 26.1 50.63 37.13 1.000 13.00 172.99 1704.0 050.7 20375.6 14.0 12.0 23.7 50.86 34.36 1.000 13.00 173.04 102.97 072.3 22016.3 14.0 12.5 26.2 54.13 37.36 1.000 11.00 101.90 1673.7 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 107.00 1751.1 906.0 22476.3 14.4 12.6 22.8 55.00 34.36 1.000 16.00	1X1.000/1.375T	163.64	1666.1		2.0698	13.7	11.3	24.3	19.13	34.38	1.000	11.00	1.375	35.63
172.99 1784.0 868.7 28375.8 14.8 12.8 23.7 59.86 34.38 1.000 13.00 173.00 173.64 1829.7 872.3 22848.3 14.8 12.9 26.2 24.13 37.38 1.000 11.00 181.90 181.90 1873.7 944.0 24482.9 15.2 13.1 25.9 53.50 37.75 1.000 10.00 187.90 1751.1 986.0 22475.3 14.4 12.8 22.8 55.80 34.38 1.000 16.00	3X1.000/1.125T	172.14	1016.3		2393.3	14.7	12.3	26.1	50.63	37.13	1.000	13.00	1.125	36.36
173.84 1829.7 872.3 22018.3 14.8 12.5 26.2 51.13 37.38 1.000 11.00 181.90 1873.7 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 187.90 1751.1 986.0 22476.3 14.4 12.8 22.8 55.80 34.38 1.000 16.00	3X1.000/1.375F	172.99	1704.0		1375.8	15.0	15.0	23.7	50.88	34.38	1.000	13.00	1.375	35.63
750T 181.90 1873.7 944.0 24482.5 15.2 13.1 25.9 53.50 37.75 1.000 10.00 375T 187.90 1751.1 986.0 22476.3 14.4 12.8 22.8 55.80 34.38 1.000 16.00	1X1.000/1.375T	173.84	1.6291	_	2818.3	14:0	12.5	26.2	51.13	37.38	1.0	11.	1.375	38.63
-375T 187.90 1751.1 986.0 22476.3 14.4 12.8 22.8 55.00 34.36 1.000 16.00	0X1.000/1.750F	181.90	1873.7	_	\$4682.5	15.2	13.1	55.9	53.50	37.75	1.00	10-00	1.750	39.00
	6X1.000/1.375T	187.90	1751.1		2476.3	14.4	12.8	22.8	55.00	34.30	1:00	16-00	1.375	35.6

1.2500 - 1 1/4 in.

SHEAR	AREA	.57	.70	.57	.70	1.07	1.25	. 86	1.26	1.44	1.43	1.25	1.07	1.44	1.43	1.26	1.44	1.26	2.17	1.95	5.19	2.42	2.17	2.20	5.44	2.67	2.00	2.45	2.69	2.67	2.70	2.42	5.69	2.67	2.44	2.20	2.70	5.69	54.2	2.44	2.20	2.70	5.69	3.68	2.45
ANGE	THICK	.188	.188	.188	.188	.313	.250	.313	.313	.313	.250	.250	.313	.313	.250	.313	.313	.313	.313	.438	.375	.313	.313	.430	.375	.313	210		375	.313	.438	.313	.375	.313	.375	. 438	. 430	.375	.438	.375	**	.438	.375	.375	438
4	MIDIM	2.00	2-00	3.00	3.00	2-00	2-00	3.00	2.00	2.00	3.00	4.00	4.00	3.00	4.00	00.4	4.00	5.00	3.00	3.00	3.60	3.00	4.00	3.00	3.00	3.00		3.0	200	4.00	3.00	5.00	4-00	2.00	2-00	2.00	4.00	2.00	2.00	6.00	6.00	2.00	6.00	4.00	6.00
	THICK	.125	.125	.125	.125	.186	.188	.188	.186	.188	.188	.188	.100	.188	.166	.188	.106	.188	.250	.250	.250	.250	.250	.250	.250	.250	0620	250	250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	1250
954	DEPTH	3.19	4.19	3.19	4.19	4.31	5.25	3.31	5.31	6.31	6.59	5.25	4.31	6.31	6.25	5.31	6.31	5.31	7.31	6.44	7.38	6.31	7.31	7.44	8.38	9.31	10.01	100		9.31	9.44	8.31	9.38	9.31	8.38	7.44	9.44	9.38	9.44	9.38	7.44	9.44	9.38	10.38	8.44
	AREA	.75	.8	*6.	1.06	1.36	1.44	1.50	1.56	1.75	1.88	1.94	2.00	2.06	2.13	2.19	2.38	2.50	5.69	2.81	2.88	2.94	3.00	3.06	3.13	3.19	3.65	3 3 3	3.38	3.50	3.56	3.56	3.75	3.81	3.68	3.94		4.13	4.19	4.25	4.38	4.4.	4.50	4.63	4.63
		3.6	;	3.8		6.4	5.8	3.9	6.5	6.9	6.8	5.8	4.9	8.9	9.9	5.8	9.9	5.8	7.6	6.9	7.8	8.7	1.7	6.2		2.6			0	9.6	9.6	1.9	4.6	9.6	8.7	1.0	4.6	9.6	8.7	9.6	1:1	9.6	9.6	10.6	8.7
	4					•	•		•	•	•	•	•		6.		6.	6.	6.	6.	6.	1:0	6.	1.0		:				1.0	1.1	1.0	1.1	1.1	1:1		:	1.1	1.1	1.1	1.1	1.2	1.2	1.2	
	æ		9.	•	9.		•	9.	•	6.	1.0	6.	•	:	1.1	1.0	1.1	1:0	1.2	1.2	1.3	1:0	1.3	1:6	1.5	1.6	1.5		1.7	1.7	1.7	1.6	1.0	1.6	1.1	1.6	1.9	1.9	1.8	1.8	1.1	2.0	2.0	2.1	0
	INERTIA	17.5	6.22	2002	27.0	36.9	38.0	26.8	42.2	57.1	65.5	54.5	6.44	70.9	73.6	62.8	85.1	12.8	102.6	34.4	113.9	133.6	120.4	125.1	148.1	170.3	120.4	130.0	188.0	196.4	205.7	178.8	222.1	5.922	202.9	176.1	245.0	255.6	226.0	9.622	2007	284.7	288.3	297.9	267.4
HODOL US		4.6	4:1	5.3	5.6	6.3	6.5	6.9	7.2	8.3	3.6	9.3	9.5	10.4	10.9	10.7	12.5	12.5	13.2	13.7	14.6	15.3	15.5	15.9	16.9	17.6	10.0			20.6	21.1	20.7	23.0	23.6	23.4	22.7	25.3	56.6	26.0	56.6	26.0	5.62	30.1	28.2	7 00
SECT ION	742	24.3	31.1	57.6	36.0	***	6.83	35.2	53.6	70.0	75.5	66.1	55.5	83.8	86.3	74.5	96.8	63.7	113.1	104.3	122.7	140.6	127.8	131.7	151.8	170.7	156.0	141.5	183.5	190.5	195.7	173.7	2002	208.8	189.7	167.9	220.3	4.922	203.8	205.8	183.0	242.7	244.4	551.9	224.3
	MT/FT	5.52	5.99	3.20	3.60	69.4	4.30	5.10	5.30	56.5	6.39	6.60	6.80	7.00	7.24	7.45	8.09	8.50	9.15	9.55	9.79	10.00	10.20	10.40	10.64	10.85	11.05	11.65	11.40	11.90	12.10	12.10	12.75	12.95	13.19	13.40	13.60	14.04	14.25	14.45	14.89	15.10	15.30	15.74	16.74
	7E	.188F	-188T	1881.	.188T	.313F	.250T	.313T	.3131	.313F	.250F	.250T	.3131	.3131	.250T	.3131	.313F	.3131	. 313T	-4381	.375f	.3131	.3131	.4381	.3751	.3131	15151	1010	1757	.3131	.4367	.3131	.3751	-313T	.375T	.438T	.4361	.375T	.438T	.375T	.4381	.4387	.375T	.375T	-414
	S	1521	1521	.1257 .16	1521	.188/	198	1881	1881.				188/	.188/	.188/	.188/	.188/	.188/	1952.	1052.	.250/	.250/			1052	1062	1067	2501	258/	250/			.250/	.250/			.250/	.250/	.2501				1052.		2501
			2x												×							3×	×	3×	X	×		34		*X	3×	2x	**	2X	2x	2x	×		2×	2X	8×	2X	¥9	*	**

1.375 IN. PLATE (AREA= 64.28 SQ.IN.)

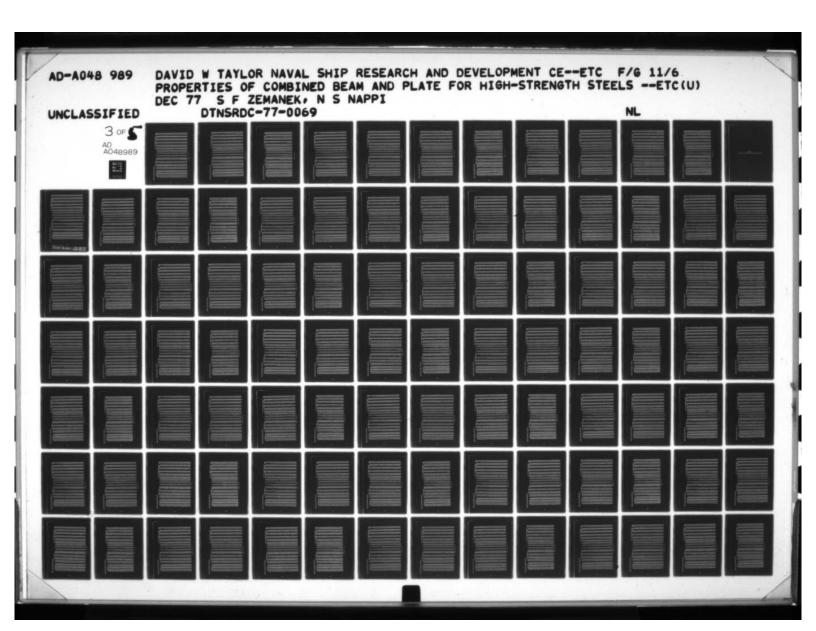
	SHEAR	AREA	2.20	3.70	2.70	3.68	2.45		2.70	3.68					3.70	*	5.19		3.72	5.21	3.42	3.40	5.19	5.24		3.72		3.42		5.24	3.74	5.26			5.21				6.97				6.97	7.02	7.84	66.9	7.85
*****	ANSE	ICK		.438				.500	.438	.375	.500	.438	56	.500	.438	.500	694.	.563	.500	.531	.563	.500	694.	*65*	.563	.500	•656	.563	694.	.594	.563	.656	694.	.594	.531	• 656	*65*	.531	.531	*65*	.594	.531	.531	.656	.531	*65*	.719
IONS ***	7	HIOTH	7.00	4.00	6.00	2.00	7.00	4.00	7.00	6.00	2.00	6.00	5.00	6.00	7.00	7.00	4.00	6.00	7.00	4.00	7.00	8-90	5.00	4.00	7.00	8-00	4.00	8-00	6.00	2.00	8.00	2.00	2.00	6.00	7.00	6.00	7.00	8-00	2-00	2.00	8.00	9.00	6.00	5.00	2.00	6.00	5.00
1 DIMENSIONS		THICK	.250	.313	.250	.313	.250	.313	.250	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.375	.313	.313	.375	.375	.313	.313	.375	.313	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.438	.438	.375	.375	.438	.438	.430	.438	.438
*** BEAN		DEPTH	7.44	10-44	9.44	10.38	9.44	10.50	9.44	10.38	10.50	10.44	10.56	10.50	10.44	9.50	12.47	10.56	10.50	12.53	9.56	9.50	12.47	12.59	10.56	10.50	12.66	9.56	12.47	12.59	10.56	15.66	15.47	15.59	12.53	12.66	12.59	12.53	14.53	2	12.59	12.53	14.53	14.66	16.53	14.59	14.72
****		AREA	4.81	4.88	4.88	2.00	0	5.13	5.31	5.38	5.63	5.75	9	6.13	6.19		6.38	6.50	6.63	6.63	6.15	6.81	6.84	6.88		-	m	7.31	-	~	7.63		18	9	N		99	. 15	18		9.25		9.31	9.41	99.6		9.72
		YF	7.7	10.6	9.6	10.5	9.0	10.6	9.5	10.5	10.5	10.5	10.6	10.5	10.4	9.6	12.4	10.5	10.4	12.4	9.5	9.6	12.3	12.4	10.4	10.3	12.4	9.4	15.2	12.3	10.3	12.3	12.2	15.2	15.1	15.2	15.1	15.1	14.0	14.0	12.0	12.0	13.9	14.0	15.8	13.9	14.0
		YP	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.1
		~	1.6	2.2	2.2	2.2	2.0	2.3	2.3	2.3	2.4	2.4	2.5	5.6	5.6	2.4	2.8	2.1	2.7	2.8	5.5	5.5	5.9	5.9	2.8	2.8	3.0	5.6	3.1	3.1	5.9	3.2	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7	3.6	3.6	3.8	3.8	4.2	3.9	3.9
		INERTIA	225.2	325.8	323.2	338.3	288.0	354.3	360.9	377.9	407.3	418.5	442.0	460.0	464.3	415.5	536.7	500.8	511.6		455.5		•	614.5	558.3	563.5	655.5	502.4	673.5	:		747.9	7.00.4	785.0	805.7	841.3		878.0	963.2	1023.9	951.3	955.8	1063.3	1087.0	1299.4	1135.3	1147.6
	MODULUS	ZFL	29.4	30.8	33.7	32.2	33.5	33.4	37.9	36.1	38.6	40.0	41.9	43.9	44.6	43.8	43.3	47.8	49.2	46.4	48.0	4.8.6	49.2	49.5	53.7	24.6	52.4	53.3	55.1	26.8	89.8	9.09	6009	2.49	999	58.8	71.7	6.21	2.99	13.0	1.62	19.6	76.3	77.4	82.3	91.6	81.7
	SECTION	ZPL	196.8	266.9	262.2	273.1	236.9	281.3	279.6	292.0	305.5	310.1	320.3	327.1	328.4	2.662	368.5	342.7	346.1	383.5	315.1	315.7	394.3	397.8	362.2	363.5	410.9	331.1	416.9	455.8	380.3	440.5	37.	4.50.5	455.8	465.8	472.3	5.414	513.5	63	491.6	491.5	538.4	244.6	613.2	555.0	9.855
		TIFT	6.35		.5	-:	2	:		.2	7	.5	2.	•		*	9.	-:		.5	6	7	.2		-	54.24	.2			*	.9		•	•	27.95			•		•							
		ZE	.438T	.438T	.438T	.375T	-438T	.500T	.438T	.375T	-500T	.438T	. 563T	.500T	.438T	.500T	1694.	. 5631	.500T	·531T	. 563T	.500T	1694·	1465.	.563T	.500T	.656T	. 5631	1694.	1965.	. 563T	1959.	1694.	1965 ·	.5311	1959.	1965	.5311	.5311	1766.	1965.	.5311	.5317	. 656T	.531F	. 594T	.719T
			2			.313/												.313/	.313/	.375/	.313/	.313/	.375/	.375/	.313/								.375/		.375/	.375/	.375/	.375/	.430/	.438/	.375/	.375/	.438/	.438/	.438/	.438/	.438/
		-		X4 X01																											0 × 8 ×				12x 7x				X4 X4								14X 5X

2PL NEGLUS NOUTCLOS NOUTCLOS NOUTCLOS NOT NOUTCLOS NOT NOT NOUTCLOS NOT		***** BEAN DIMENS	DIMENSIONS ******
QUMINAL SIZE         HI/FT         ZPL         INERTIA         R         YP           QX 435/ 6561         33.15         507.0         B5.3         11624.5         3.7         2.           XX 438/ 5341         33.90         530.3         B7.3         1377.5         4.0         2.           5X 438/ 5311         34.95         640.4         92.2         1455.9         4.0         2.           5X 438/ 5311         34.95         640.4         92.2         1455.9         4.0         2.           5X 438/ 5311         34.95         640.4         92.2         1455.9         4.0         2.           6X 438/ 5341         35.91         650.4         92.2         1455.7         4.0         2.           7X 438/ 5347         566.7         90.1         1259.7         4.0         2.           5X 438/ 5347         35.99         560.4         90.1         1552.0         4.0         2.           7X 438/ 5347         561.0         100.4         1552.0         4.0         2.         2.           5X 438/ 5347         561.0         561.0         100.4         170.2         4.0         2.           5X 438/ 5347         561.0         561.0			FLANGE
0x 3757, 6561         33.15 517.6         96.315.1         1124.5         53.7         27         438.7         4561         33.46         96.0         1162.1         4.0         2.         65.0         94.0         1162.1         4.0         2.         65.43         97.1         1162.1         4.0         2.         65.43         43.1         13.46         96.0         120.0         66.0         120.0         6.0         120.0         6.0         2.         6.0         2.         6.0         120.0         6.0         120.0         6.0         2.         6.0         2.         6.0         120.0         6.0         120.0         6.0         2.         6.0         2.         120.0         6.0         2.         120.0         6.0         2.         2.         2.         2.         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0	- AREA D	TH THIS	Ξ
7. 4336	2.0 9.75 1	66 .37	•
6K         436         6561         34.20         571.1         86.8         120.6         4.4         2.           6K         436         6561         34.95         666.4         92.2         1455.7         4.4         2.           6K         438         6561         34.95         666.4         92.2         1455.7         4.4         2.           6K         438         6561         34.95         666.4         92.2         1455.7         4.4         2.           5K         438         6561         36.1         91.1         1259.0         4.4         2.           5K         438         6591         660.7         97.2         1455.0         4.4         2.           5K         438         651         661.7         97.2         145.2         6.2         2.           9K         438         651         661.7         97.2         145.2         6.2         2.           9K         436         651.0         108.0         108.0         108.0         4.2         2.           9K         436         691.0         109.0         176.2         1.         2.         2.           7	3.8 9.84	53 . 43	•
6x 438/ 5311         34.95 646.4         92.2         1457.7         4.4         2.           7x 438/ 5311         34.95 646.4         92.2         1455.7         4.4         2.           7x 438/ 5311         35.23 660.4         91.7         1259.7         4.4         2.           6x 438/ 5311         35.20 660.4         91.7         1259.7         4.4         2.           7x 438/ 5311         35.90 660.4         91.7         1559.7         4.6         2.           7x 438/ 5311         35.90 598.4         98.8         1353.7         4.6         2.           7x 438/ 5311         37.96 602.4         105.7         1550.1         4.6         2.           7x 438/ 5941         36.95 604.6         106.7         1550.1         4.6         2.           7x 438/ 5941         36.96 602.4         106.7         1550.0         4.6         2.           7x 438/ 5941         37.96 602.4         106.7         1550.0         4.6         2.           7x 438/ 5941         39.95 704.1         110.0         170.0         170.0         2.           7x 438/ 5561         4.6         10.0         170.0         170.0         4.6         2.           7x 501/ 501/ 501/ 501/	13.9 10.06 14.	854. AZA.	A56. 00.5
5x	5.7 10.19	53 .43	•
7X         4387         5941         34.99         578.0         90.1         1245.0         4.1         2.           8X         4387         5941         35.23         560.4         91.7         1259.7         4.1         2.           5X         4387         5941         36.45         663.7         97.2         1552.0         4.6         2.           7X         4387         5941         36.45         663.7         99.0         1552.0         4.6         2.           8X         4387         5941         36.45         663.7         99.0         1355.0         4.6         2.           7X         4387         5941         37.9         692.0         106.0         116.0         135.0         4.6         2.           7X         4387         5661         110.0         170.0         1170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0         170.0	5.8 10.28	66 .43	•
6x 438/ 5317         35.23         580.4         91.7         1259.7         4.1         2.           6x 438/ 5347         35.30         658.1         97.0         1519.0         4.5         2.           7x 438/ 5347         36.45         663.7         99.8         1552.8         4.6         2.           8x 438/ 5347         36.45         662.4         96.8         1355.6         4.2         2.           9x 438/ 5347         37.09         598.3         39.4         1355.6         4.2         2.           9x 438/ 5947         37.94         682.4         106.7         1658.1         4.7         2.           6x 438/ 5947         37.94         682.4         106.7         1658.1         4.7         2.           6x 438/ 5947         37.94         682.4         106.7         1763.1         4.7         2.           6x 438/ 5947         38.95         704.1         116.4         1793.9         4.9         2.           9x 438/ 5947         41.0         72.0         116.4         1793.9         4.9         2.           9x 438/ 5947         41.0         72.0         114.5         129.6         4.9         2.           9x 438/ 5947	8 10.26	59 .43	•
6x 438/ 5947         35.90         658.1         97.0         1519.0         4.5         6.         37.2         1533.7         4.5         2.         58.4         38.9         661.7         37.2         1533.7         4.6         2.         2.         8.5         6.         2.         8.5         6.         6.         2.         8.5         6.         8.5         6.         8.5         8.5         6.         8.5         8.5         6.         8.5         8.5         6.         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5         8.5	10.38		8.00 .531
5x	7 10.56	24. 65	•
7x	5.6 10.59 1	72 .43	•
0x	10.72 1	53 .43	
9x 438/ 55317 37.09 598.3 39.4 1355.6 4.2 2. 7x 6438/ 55947 37.94 682.4 106.7 1658.1 4.7 2. 6x 6438/ 57317 38.45 694.0 109.0 1703.0 4.7 2. 6x 6438/ 55947 39.41 700.0 113.6 1763.1 4.7 2. 8x 6438/ 55947 39.95 704.1 116.4 1793.9 4.9 2. 9x 6438/ 55947 40.05 703.9 117.0 1795.2 4.9 2. 9x 6438/ 55947 40.05 713.9 117.0 1795.2 4.9 2. 8x 6438/ 55947 41.75 754.1 114.5 1991.5 5.1 2. 9x 6438/ 55947 41.75 754.1 114.5 1991.5 5.1 2. 9x 6438/ 55947 42.09 698.2 114.5 1991.5 5.1 2. 9x 6438/ 55947 42.09 766.2 119.9 2070.6 5.2 2. 6x 500/ 59947 42.09 766.2 119.9 2070.6 5.2 2. 10x 6438/ 5567 64.0 776.3 120.0 2085.9 5.2 2. 10x 6438/ 55947 64.0 778.7 135.9 2061.0 5.2 2. 10x 6438/ 55947 64.0 778.7 135.9 2061.0 5.3 2. 10x 6438/ 55947 64.0 778.7 135.9 2063.2 5.3 2. 10x 6438/ 55947 66.1 769.7 2571.2 5.3 2. 10x 6438/ 55947 64.0 778.7 149.7 2571.2 5.3 2. 10x 6438/ 55947 64.0 76.2 133.9 1787.1 6.0 3. 8x 500/ 57197 66.10 761.7 135.9 2063.2 5.9 3. 8x 500/ 77197 66.10 761.7 135.9 2063.2 5.9 3. 8x 500/ 77197 66.10 761.7 135.9 2694.9 5.0 3. 8x 500/ 77197 66.10 761.8 165.5 2732.7 5.0 3. 8x 500/ 77197 50.15 640.3 159.3 2694.9 5.0 3. 8x 500/ 77197 50.15 640.3 152.4 2732.7 5.0 3.	.7 10.88 1	29	
7x	.6 10.91 1	53	9.00 .531
6 X 6 4 3 6 7 5 3 1	.5 11.16	29	=
6X	.5 11	53	00
7.X         4.38./         .6567         39.41         700.0         113.6         1763.1         4.6         2.           8.X         4.38./         .5347         40.05         716.6         117.0         1793.9         4.9         2.           9.X         4.38./         .5347         40.05         716.6         120.7         1765.2         4.9         2.           8.X         4.38./         .6567         41.75         724.3         124.4         1913.6         5.0         2.           9.X         -438./         .6567         41.75         724.3         114.5         1991.5         5.0         2.           9.X         -500./         .6757         42.0         725.2         114.5         1991.5         5.0         2.           9.X         -500./         .6757         42.0         725.2         114.5         1795.6         4.0         2.           5.X         500./         .7197         42.0         726.2         114.5         1795.6         4.0         2.           5.X         .500./         .7197         42.0         736.9         126.0         2.         2.         2.         2.         2.         2.         2.<	.6 11.31	72	
88	5 11.59	99	00.
3X		66	.00
7.8 + 580 / 7191         40.90         716.6         120.7         1069.4         4.9         2.           5x -438 / .6567         41.65         722.3         124.4         1913.6         5.0         2.           5x -500 / .6567         41.65         723.8         126.4         1913.6         5.0         2.           5x -500 / .6567         42.09         698.2         114.5         1928.8         5.0         2.           5x -500 / .6567         42.09         698.2         114.5         1795.6         4.8         2.           6x .500 / .7197         42.00         766.2         119.9         2070.6         5.2         2.           6x .500 / .7197         42.01         766.2         119.9         2070.6         5.2         2.           6x .500 / .6567         43.15         649.9         124.6         1676.6         4.7         2.           6x .500 / .6567         43.15         736.0         125.6         166.7         17         2.           6x .500 / .6567         44.00         741.7         135.9         2053.2         5.2         2.           1x .436 / .6567         45.36         664.5         133.9         1787.1         4.8         2.         <	4 11.78	53	
5x -536/ -656f	3 1	22	. 00.
55	4 12.25 1	6.66 .438	•
5x 5436/ 55947 \$41.96 723.8 126.1 1928.8 5.0 2. 5x 501/ 5947 \$42.09 698.2 114.5 1795.6 \$4.8 2. 5x 501/ 5947 \$42.09 698.2 114.5 1795.6 \$4.8 2. 5x 501/ 5947 \$42.81 769.3 120.0 2085.9 5.2 2. 5x 501/ 7197 \$42.81 769.3 120.0 2085.9 5.2 2. 5x 501/ 5567 \$43.15 649.9 124.6 1676.6 \$4.7 2. 5x 5438/ 5567 \$43.89 742.0 135.4 2061.0 5.2 2. 5x 5438/ 5947 \$44.01 741.7 135.9 2083.2 5.2 2. 5x 5438/ 5947 \$44.01 741.7 135.9 2083.2 5.2 2. 5x 501/ 5657 \$46.01 741.7 135.9 2083.2 5.2 2. 5x 501/ 5657 \$46.01 741.7 135.9 2083.2 5.2 2. 5x 501/ 5657 \$46.01 741.7 135.9 2083.2 5.2 2. 5x 501/ 7197 \$45.80 759.1 144.2 2193.0 5.3 2. 5x 501/ 7197 \$6.10 855.3 149.7 2571.2 5.7 3. 5x 501/ 7197 \$6.15 848.3 159.3 2694.9 5.0 3. 5x 501/ 5647 \$61.8 852.5 155.5 2832.7 5.0 3. 5x 501/ 5747 \$61.8 852.5 155.5 2832.7 5.0 3.	7.4 12.28 1	۰	:
55	.3 12.34 1	65	
5x 500/ 5941 42.70 766.2 119.9 2070.6 5.2 2. 5x 500/ 6751 42.01 769.3 120.0 2085.9 5.2 2. 5x 500/ 6751 42.01 769.3 120.0 2085.9 5.2 2. 5x 530/ 6751 43.35 738.9 132.4 2031.5 5.1 2. 5x 64.36 4.3 6.5 13.35 742.0 135.1 2061.0 5.2 2. 5x 64.36 6561 45.80 742.0 135.1 2061.0 5.2 2. 5x 64.36 6561 45.00 743.7 135.9 2053.2 5.2 2. 1x 64.36 6561 45.36 664.5 135.9 1787.1 4.8 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	.7 12.38 1		
55       *500       *7191       *42.81       769.5       120.0       2085.9       55.2       2         0X       *436       *43.15       *469.9       124.6       1676.6       *4.7       2         9X       *436       *551       *43.89       742.0       135.4       2031.5       5.1       2         9X       *436       *6567       *44.00       742.0       135.4       2083.0       5.2       2         1X       *436       *5947       *44.00       741.7       135.9       2083.1       5.3       2         1X       *436       *5547       *44.00       741.7       135.9       2083.2       5.2       2         1X       *436       *5567       *46.00       759.1       144.2       2193.0       5.3       2         9X       *436       *107       *779.8       146.3       2249.6       5.6       5.6       3         6X       *500       *777       *149.7       *2571.2       5.7       3         8X       *500       *781.8       *169.3       *2696.6       5.6       3         8X       *500       *567       *516.3       *2732.7       5.9       <	3 12.56	. 65	
0X *436/ *6561 43.15 649.9 124.6 1676.6 4.7 2. 0X *438/ *5561 43.35 736.9 132.4 2031.5 5.1 2. 0X *438/ *5561 43.35 736.9 135.4 2031.5 5.1 2. 0X *438/ *5561 44.00 741.7 135.9 2063.2 5.2 2. 0X *438/ *5561 45.36 664.5 133.9 1787.1 6.8 2. 0X *438/ *6561 45.36 664.5 133.9 1787.1 6.8 2. 0X *438/ *6561 45.36 664.5 133.9 2063.2 5.2 2. 0X *438/ *6561 45.36 664.5 133.9 2063.2 5.2 2. 0X *438/ *6561 46.00 759.8 145.8 2205.7 5.3 2. 0X *500/ *7191 47.70 825.3 146.3 2696.6 5.6 3. 0X *500/ *7191 50.15 848.3 159.3 2694.9 5.8 3. 0X *500/ *5561 50.69 851.8 162.4 2732.7 5.9 3. 0X *500/ *5561 50.80 851.8 163.3 2732.7 5.9 3.	12.59 1	. 21	2.00
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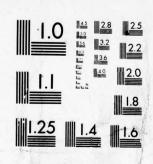
TAM. SIZE  WIFFE ZECTION HOLDUNG  SECTION HOLDUNG  SECTIO									•	*** BEAN	DIME	NOISN	*****		
MAL SIZE			SECTION	MODULU							MEB	FLA	NGE	SHEAR	
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6557 7751 68.35 925.6 23.0 4480.4 165.5 3.6 16.5 17.75 16.80 6.25 6.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.72	\$6.65	919.5	211.5	3455.7	6.5	3.8	16.3	17.63	18.72	.500	12.00	.719	10.05	
6557, 6751 7014 1052.0 234.0 4465.4 7.3 44.3 19.0 28.13 5.18 6.65 9.00 6.759 6.657 6.751 70.4 1062.0 234.1 4761.1 7.5 4.5 18.0 21.0 21.0 21.0 21.0 6.65 9.00 6.759 6.657 70.4 1062.0 21.0 21.0 21.0 21.0 6.65 9.00 6.759 6.657 70.4 10.0 21.0 21.0 21.0 21.0 21.0 6.65 9.00 6.759 6.657 70.4 10.0 21.0 21.0 21.0 21.0 6.65 9.0 10.0 6.657 70.4 10.0 10.0 21.0 21.0 21.0 6.65 9.0 10.0 6.657 70.4 10.0 10.0 2.0 21.0 21.0 21.0 6.65 9.0 10.0 10.0 2.0 21.0 21.0 21.0 6.65 9.0 10.0 10.0 2.0 2.0 21.0 21.0 21.0 21.0		60.35	9526	213.1	3508-1	6.5	3.8	16.5	17.75	18.88	.500	10.00	.875	10.13	
6557, 7567 778 78.14 10182, 254.2 478.1 4635.9 7.4 45.18.0 20.63 21.75 6.55 9.0 10 0.75 6.55 7.0 10 0.75 6.55 9.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 6.55 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.75 7.0 10 0.0 11.0 11.0 11.0 11.0 11.0 11.		68.44	1051.8	236.0	4482.4	7.3	4.3	19.0	20.13	21.88	.625	00-9	.875	14.53	
6557         787         7.46         4.5         18.6         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00         22.00<	1629.	70.14	1062.0	247.1	4635.9	7.4	4.4	18.8	20.63	21.75	.625	10-00	.750	14.45	
655/ 1751         72.69         100.1         7.6         4.5         10.6         21.75         6.65         11.00         -075           655/ 1751         75.01         17.2         4.6         10.6         21.25         22.13         .625         11.00         -075           655/ 17.2         10.0         11.2         2.0         10.3         25.2         13.2         2.2         2.0         10.3         2.2         2.0         10.3         2.2         2.0         10.3         2.2         2.0         0.0         2.0         0.0         2.0         0.0         2.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0<	.625/	71.40	1073.9	254.3	4781.1	7.5	4.5	18.8	21.00	21.66	.625	9.00	.875	14.53	
6557, 1875         74,39         1894,0         272,0         5877,1         7,46         18,6         23,26         22,13         .625         9,00         11,125         656,1         10,1         12,2         25,2         13,2         12,2         9,00         11,127         3         10,1         12,2         2,00         560,2         25,2         21,3         21,4         8         9,00         10,1         12,2         9,00         10,1         12,2         9,00         10,00         10,00         25,2         21,00         25,00         10,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00         20,00 <th< td=""><td></td><td>72.69</td><td>1080.1</td><td>263.0</td><td>4.090.7</td><td>7.6</td><td>4.5</td><td>18.6</td><td>21.38</td><td>21.75</td><td>.625</td><td>11.00</td><td>.750</td><td>14.45</td><td></td></th<>		72.69	1080.1	263.0	4.090.7	7.6	4.5	18.6	21.38	21.75	.625	11.00	.750	14.45	
655/11257         79.05         1127.3         29.9         9566.2         0.0         4.9         18.6         23.2         21.3         26.5         23.6         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         21.0         24.8         26.2         24.0         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         24.8         26.2         26.2         24.8         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2         26.2	.625/	74.39	1094.0	272.8	5077.1	7.7	4.6	18.6	21.88	21.88	.625	10.00	.875	14.53	
6257         6757         80.34         1127.9         5640.5         80.0         5.0         14.3         23.6         21.68         .655         130.0         .875           6657         8757         82.6         82.6         5.2         12.68         21.68         .655         .99.0         .875           6657         8757         83.6         15.2         9.2         21.6         25.2         21.88         .665         10.00         .875           6687         8757         86.7         15.2         22.6         25.2         22.48         .666         10.00         .875           6687         8757         86.2         22.6         25.2         22.6         25.2         6.00         .675         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876         .876	.625/1	79.05	1127.3	299.9	5568.2	8.0	6.4	18.6	23.25	22.13	.625	9.00	1.125	14.69	
600/. 1077         R2.09         1242.3         312.0         6561.3         0.6         5.3         21.0         24.30         6.60         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0 <td>1929.</td> <td>80.34</td> <td>1127.9</td> <td>309.0</td> <td>5640.5</td> <td>8.0</td> <td>5.0</td> <td>18.3</td> <td>23.63</td> <td>21.88</td> <td>.625</td> <td>124.00</td> <td>.875</td> <td>14.53</td> <td></td>	1929.	80.34	1127.9	309.0	5640.5	8.0	5.0	18.3	23.63	21.88	.625	124.00	.875	14.53	
6257         6356         63.0         5.2         16.1         26.5         13.0         6257         63.0         5.2         16.1         26.5         26.5         13.0         6257         63.0         63.0         5.2         16.2         5.2         16.2         5.2         16.2         6.2         5.2         16.2         6.2         5.2         16.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2         6.2	.688/	82.89	1242.3	312.8	6561.3	9.6	5.3	21.0	24.38	24.88	.688	9.00	.875	18.06	
686/7 .8757         68.69 1263.4         333.3         6924.9         8.6         5.5         20.8         5.6         5.6         6.0         10.00         .875           6887 .2757         68.7         6.3         5.3         5.3         17.9         5.5         18.0         1.0         6.7         6.0         11.0         6.7         6.0         11.0         6.7         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0	.625/	63.30	1142.9	327.3	5916.5	8.2	5.5	18.1	24.50	21.88	.625	* 13.00	.875	14.53	
665/4         665/2         1156.4         345.5         615.5         6.3         17.9         25.3         17.9         25.3         17.9         25.3         17.9         25.3         17.9         25.3         17.9         25.3         17.9         25.3         17.9         25.3         25.3         68.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	. 688/	85.85	1263.4	333.3	6924.9	8.8	5.5	20.8	25.25	24.88	.688	10.00	.875	18.06	
668/1.1257         66.70         1274.3         337.5         7071.7         6.9         5.5         21.0         25.51         66.6         9.00         11.25           668/1.1257         96.6         120.6         26.1         26.5         3 24.0         66.6         9.00         11.25           668/1.1257         91.6         120.6         26.1         26.5         3 24.0         9.0         11.25           668/1.257         91.6         120.6         26.1         27.0         26.6         12.0         9.0         11.25           668/1.257         91.6         120.6         26.1         27.0         26.6         12.0         9.0         11.25           668/1.257         91.6         120.6         92.6         12.2         12.6         20.6         26.1         26.7         12.0         12.0           668/1.257         91.6         12.6         92.6         12.6         20.6         26.1         26.6         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0 <td>.625/</td> <td>86.29</td> <td>1156.4</td> <td>345.4</td> <td>6185.5</td> <td>8.3</td> <td>5.3</td> <td>17.9</td> <td>25.38</td> <td>21.88</td> <td>.625</td> <td>14.00</td> <td>.875</td> <td>14.53</td> <td></td>	.625/	86.29	1156.4	345.4	6185.5	8.3	5.3	17.9	25.38	21.88	.625	14.00	.875	14.53	
.666/ .675	24X 8X .688/1.1257	86.70	1274.3	337.5	7071.7	6.0	5.5	21.0	25.50	25.13	.688	8-00	1.125	18.24	
686/1.1257         91.54 1298.8         354.2         7538.6         9.1         5.6 20.7         26.63         25.13         .686         15.00         .875           686/1.1257         91.80 1310.5         374.7         7636.7         9.1         5.9         20.4         27.00         24.88         .686         12.00         .875           686/1.1257         94.95 1316.0         936.6         10.0         6.5         22.0         29.25         13         .686         13.00         .875           686/1.1257         94.55 1474.2         406.8         936.6         10.0         6.5         22.0         29.25         20.13         .750         6.0         1.125           750/1.1257         99.45 1474.2         406.8         10.0         6.5         22.0         29.25         20.13         .750         6.0         1.125           750/1.1257         10.45 1474.2         406.8         10.0         10.2         6.6         22.0         20.13         .750         6.0         1.125           750/1.1257         10.0         406.9         10.0         10.0         10.2         20.13         .750         10.10         11.25           750/1.1257         10.0         10.0		88.84	1282.6	353.9	7282.5	9.0	5.7	9.	26.13	24.88	.688	11.00	.875	18.06	
688/ 8757         31.80 1300.5         374.7         7536.7         9.1         5.9         20.4         27.00         24.86         .686         12.00         .875           688/ 8875         31.80         375.4         7983.2         9.3         6.1         20.2         28.68         .686         13.12         9.8         13.12         .686         12.2         8.68         .686         12.2         8.68         .686         .12.2         8.68         .686         .12.2         8.68         .686         .12.2         8.68         .686         .12.2         .686         .12.1         .686         .12.2         .686         .686         .787         .886         .780         .780         .780         .780         .780         .780         .780         .886         .886         .18.00         .875           .750/		90.54	1298.6	364.2	7538.6	9.1	5.8	1	26.63	25.13	.688	9.00	1.125	18.24	
660/.40751         94.79         1316.0         395.4         7963.2         9.3         6.1         20.2         27.86         24.86         13.00         .687           668/1.1257         96.19         14.67         9.5         6.3         20.2         28.86         25.13         .688         13.00         .875           750/1.1257         196.49         46.6         9.5         6.0         27.86         27.81         .750         10.125           750/1.1257         103.29         477.7         436.2         9927.9         10.2         6.7         22.6         29.85         27.86         .750         10.125           750/1.1257         104.7         436.2         107.0         10.5         7.0         22.5         30.36         26.31         10.10         10.125           750/1.1257         107.10         49.6         10.0         6.6         22.6         30.36         27.86         750         10.10         10.125           750/1.1257         106.9         106.0         10.5         7.0         22.2         32.6         30.6         10.00         10.125           875/1.375         102.0         10.0         10.0         10.7         7.5		91.80	1300.5	374.7	7636.7	9.1	6.5		27.00	24.88	.688	12.00	.875	18.06	
•608/1-1257         98.19         1339-7         \$416.7         \$424.4         9.5         6.3         \$20.2         \$20.80         \$5.13         .668         11.00         \$1.25           .750/1-1257         99.45         1445.8         \$406.6         10.0         6.5         22.6         29.25         26.13         .750         8.00         1.125           .750/257         101.59         1475.1         10.5         10.2         6.7         22.6         29.18         .750         8.00         1.125           .750/257         105.2         10.2         6.7         22.6         29.13         .750         10.10         8.75           .750/1257         107.10         1494.2         465.4         10471.0         10.5         7.0         22.2         32.63         26.13         .750         11.25           .750/1257         110.94         156.4         10471.0         10.5         7.0         22.2         32.63         26.13         .750         11.25           .750/1257         122.4         167.7         7.5         22.2         32.63         26.13         .875         11.0         11.25           .875/137         140.6         17.1         15.2 <td></td> <td>94.79</td> <td>1316.8</td> <td>395.4</td> <td>7983.2</td> <td>9.3</td> <td>6.1</td> <td>2</td> <td>27.88</td> <td>24.88</td> <td>.638</td> <td>13.00</td> <td>.875</td> <td>18.06</td> <td></td>		94.79	1316.8	395.4	7983.2	9.3	6.1	2	27.88	24.88	.638	13.00	.875	18.06	
**750/1.1257         99.45         1445.8         406.8         9366.6         10.0         6.5         23.0         29.25         20.13         .750         0.00         1.125           **750/**1257         101.59         1455.0         926.4         10.1         6.6         22.6         29.8         27.8         .750         11.0         0.00         1.125           **750/**********************************	.688/1	98.19	1339.7	416.7	8424.4	9.5	6.3	2	28.88	25.13	.688	11.00	1.125	18.24	
750/ .8757         101.59         1455.0         425.1         9624.1         10.1         6.6         22.6         29.08         27.86         .750         11.00         .075           750/1.1257         103.29         1471.7         436.2         9927.9         10.2         6.7         22.6         30.38         28.13         .750         9.00         1.125           750/.1257         104.55         1474.2         446.0         10471.0         10.5         7.0         22.5         31.50         26.13         .750         10.00         1.125           750/.1257         107.1         107.2         7.5         22.2         32.6         3         .875         10.00         1.125           875/1.3757         122.40         152.3         16.1         7.5         22.2         36.0         26.3         .875         10.00         1.125           875/1.3757         136.0         1727.7         631.9         1556.9         12.1         8.0         24.0         8.0         10.0         1.25           875/1.3757         140.6         12.1         1590.6         12.2         9.0         23.6         0.0         31.3         .875         11.0         1.25 <tr< td=""><td></td><td>99.45</td><td>1445.8</td><td>4.06.8</td><td>9366.6</td><td>10.0</td><td>6.5</td><td>23.0</td><td>29.52</td><td>28.13</td><td>.750</td><td>8.00</td><td>1.125</td><td>22.13</td><td></td></tr<>		99.45	1445.8	4.06.8	9366.6	10.0	6.5	23.0	29.52	28.13	.750	8.00	1.125	22.13	
103.29 1471.7 436.2 9927.9 10.2 6.7 22.6 30.38 26.13 .750 9.00 1.125 1074.5 1474.2 448.0 10051.6 10.3 6.8 22.4 30.75 27.86 .750 12.00 1.125 107.1 1494.9 465.4 10471.0 10.5 7.0 22.5 31.63 26.13 .750 11.00 1.125 110.94 1516.1 494.7 11005.2 10.7 7.3 22.2 32.63 26.13 .750 110.00 1.125 122.40 1523.0 516.2 11471.8 10.7 7.5 22.2 36.00 28.36 .875 9.00 1.225 136.00 1727.7 631.9 1515.8 12.1 8.0 24.0 40.00 31.30 .875 10.00 1.375 136.00 1727.7 631.9 1515.8 12.1 8.0 24.0 40.00 31.30 .875 10.00 1.375 136.00 1.375 140.69 1736.9 660.1 15546.9 12.2 9.0 23.6 40.80 31.13 .875 110.00 1.375 140.00 1.375 140.69 1755.0 650.1 15546.9 12.3 9.1 23.7 41.38 31.38 .875 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.00.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 1.375 140.00 140.00 1.375 140.00 140.00 1.375 140.00 140.00 1.375 140.00 140.00 140.00 1.375 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 140.00 1		101.59	1455.0	425.1	9624.1	10.1	9.9	55.6	29.88	27.88	.750	11-00	.875	21.94	
107.10 1494.9 465.4 10471.0 10.5 7.0 22.5 31.50 28.13 .750 12.00 .875 107.10 1494.9 465.4 110471.0 10.5 7.0 22.5 31.50 28.13 .750 10.00 1.125 120.09 41516.1 494.7 11005.2 10.7 7.3 22.2 32.63 26.13 .750 10.00 1.125 120.09 1516.2 11471.0 10.7 7.5 22.2 35.63 26.13 .750 110.00 1.125 130.00 1.727.7 631.9 1551.6 12.1 175.8 12.1 6.8 24.0 40.00 31.3 .875 10.00 1.375 140.69 1736.9 660.1 15546.9 12.2 9.0 23.6 40.80 31.13 .875 13.00 1.375 140.69 1755.0 650.1 15546.9 12.2 9.0 23.6 40.80 31.13 .875 13.00 1.325 142.80 1755.0 650.1 15590.6 12.3 9.1 23.7 41.38 31.38 .875 140.00 1.375 142.80 1755.0 692.3 16137.0 12.3 9.1 23.7 41.38 31.38 .875 140.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1		103.29	1471.7	436.2	9927.9	10.2	2.9	22.8	30.38	28.13	.750	9.00	1.125	22.13	
107.10 1494.9 465.4 10471.0 10.5 7.0 22.5 31.50 26.13 .750 10.00 1.125 122.40 1516.1 494.7 11005.2 10.7 7.3 22.2 32.63 28.13 .750 11.00 1.125 122.40 1525.0 1525.0 14.00 1.125 122.40 1525.0 1525.0 14.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 1.125 14.00 11.00 11.00 11.00 1.		104.55	1474.2	448.0	10051.6	10.3	8.9	22.4	30.75	27.88	.750	12.00	.875	21.94	
110.94 1516.1 494.7 11005.2 10.7 7.3 22.2 32.63 26.13 .750 11.000 1.125 122.40 1523.0 516.2 114.71.8 10.7 7.5 22.2 36.00 26.36 .675 9.00 1.375 136.0 175.7 631.9 15155.8 12.1 6.8 24.0 40.00 31.38 .675 19.00 1.375 136.9 1736.9 670.1 15546.9 12.2 9.0 23.6 40.80 31.13 .875 13.00 1.125 142.80 1755.0 692.3 16137.0 12.3 9.2 23.3 42.00 31.13 .875 14.00 1.375 15.00 1.255 154.70 1810.3 788.9 1778.9 6.9 22.8 45.50 31.38 .875 14.00 1.375 15.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.00 1.375 153.0		107.10	1494.9	465.4	10471.0	10.5	7.0	22.5	31.50	28.13	.750	10.00	1.125	22.13	
122.40 1523.0 516.2 11471.8 10.7 7.5 22.2 36.00 26.36 .675 9.00 1.375 136.0 1757.7 531.9 15155.8 12.1 8.8 24.0 40.00 31.38 .875 10.00 1.375 136.0 1.375 136.0 1.375 136.0 1.375 136.0 1.375 136.0 1.375 136.0 1.375 136.0 1.375 142.80 1755.0 671.1 15890.6 12.3 9.1 23.7 41.38 31.38 .875 11.00 1.375 142.80 1755.0 692.3 16137.0 12.3 9.2 23.3 42.00 31.13 .875 14.00 1.255 154.7 1810.3 788.9 17996.5 12.8 9.9 22.8 45.50 31.38 .875 14.00 1.375 16.00 1.375 163.2 163.2 1755.0 1810.3 786.9 17996.5 12.8 9.9 22.8 45.50 31.38 .875 14.00 1.8375 163.0 163.0 1.375 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 163.0 16		110.94	1516.1	494.7	11005.2	10.7	7.3	25.2	32.63	28.13	.750	11.00	1.125	22.13	
136.00 1727.7 631.9 15155.6 12.1 8.8 24.0 40.00 31.36 .875 10.00 1.375 136.99 1736.9 660.1 15546.9 12.2 9.0 23.6 40.88 31.13 .875 13.00 1.375 140.00 1.375 140.069 1755.0 650.1 15546.9 12.2 9.0 23.6 40.88 31.13 .875 13.00 1.325 140.069 1.755.0 657.1 15890.6 12.3 9.1 23.7 41.38 31.38 .875 14.00 1.325 154.70 1810.3 788.9 17996.5 12.8 9.2 23.3 42.00 31.38 .875 14.00 1.325 153.20 1942.5 786.5 20084.1 13.4 10.3 25.5 48.00 34.30 .875 14.00 1.500 1.375 163.64 1941.7 792.0 20113.1 13.4 10.4 25.4 48.13 34.36 1.000 11.00 1.375 172.14 2114.8 876.5 23861.5 14.4 11.3 27.2 59.63 37.13 1.000 13.00 1.375 172.39 1966.6 877.0 22755.3 13.7 10.9 24.8 50.00 37.35 1.000 13.00 1.375 172.38 2130.4 889.5 14.9 11.0 27.1 53.50 37.75 1.000 11.00 1.375 181.90 2182.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.000 11.00 1.375 187.00 2182.0 1004.4 24.0 55.00 34.36 1.000 11.00 1.375 187.0 187.0 2043.0 1004.4 24.0 54.0 55.00 34.36 1.000 10.00 1.375		122.40	1523.0	516.2	11471.8	10.1	7.5	25.2	36.00	28.38	.875	9.00	1.375	26.04	
138.99 1736.9 660.1 15546.9 12.2 9.0 23.6 40.86 31.13 .875 13.00 1.125 140.69 1751.0 671.1 15891.6 12.3 9.1 23.7 41.38 31.38 .875 11.00 1.375 140.00 1755.0 671.1 15891.6 12.3 9.1 23.7 41.38 31.38 .875 11.00 1.375 152.0 1755.0 672.3 16137.0 12.3 9.2 23.3 42.00 31.38 .875 14.00 1.325 153.20 1942.5 788.9 17996.5 12.8 9.9 22.8 45.60 31.38 .875 14.00 1.375 163.20 1942.5 788.5 20084.1 13.4 10.3 25.5 48.00 34.50 1.000 10.00 1.550 163.6 1941.7 792.0 20113.1 13.4 10.4 25.4 48.13 34.38 1.000 11.00 1.375 172.14 2114.8 876.5 21851.5 14.4 11.3 27.2 50.63 37.33 1.000 13.00 1.375 173.84 2130.4 889.7 24.8 51.8 27.3 51.13 37.38 1.000 13.00 1.375 173.6 120.0 2043.0 1004.4 24.0 55.00 34.36 1.000 11.00 1.375 1875 1875 1875 1875 1875 1875 1875 18	•		1727.7	631.9	15155.8	15.1	8.8	24.0	40.00	31.38	.875	10.00	1.375	28.66	
140.69 1751.0 671.1 15890.6 12.3 9.1 23.7 41.36 31.36 .875 11.00 1.375 142.80 1755.0 692.3 16137.0 12.3 9.2 23.3 42.00 31.13 .875 14.00 1.125 154.70 11.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 154.70 1.25 155.3 13.7 10.9 24.8 50.88 34.38 1.000 13.00 1.375 173.84 2130.4 883.7 24.8 50.88 34.38 1.000 13.00 1.375 173.84 2130.4 883.7 24.8 50.88 34.38 1.000 13.00 1.375 183.7 16.9 12.0 27.3 51.13 37.36 1.000 13.00 1.375 183.7 16.9 12.0 27.3 51.13 37.36 1.000 13.00 1.375 187.0 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.38 1.000 10.00 1.375			1736.9	660.1	15546.9	12.2	9.0	23.6	40.88	31.13	.875	13.00	1.125	28.44	
142.80 1755.0 692.3 16137.0 12.3 9.2 23.3 42.00 31.13 .875 14.00 1.125 154.70 1610.3 766.9 17996.5 12.8 9.9 22.8 45.50 31.38 .875 14.00 1.375 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 163.2 16			1751.0	671.1	15890.6	12.3	9.1	23.7	41.38	31.38	.875	11.00	1.375	28.66	
154.70 1610.3 766.9 17996.5 12.8 9.9 22.6 45.50 31.36 .675 14.00 1.375 163.20 1942.5 786.5 20184.1 13.4 10.3 25.5 48.01 34.50 1.000 10.01 1.500 163.20 1942.5 786.5 20184.1 13.4 10.3 25.5 48.01 34.50 1.000 11.01 1.500 172.14 2114.8 876.5 23861.5 14.4 11.3 27.2 59.63 37.13 1.010 13.01 1.375 172.9 1966.8 877.0 21755.3 13.7 10.9 24.8 50.88 34.38 1.000 13.00 1.375 173.84 2130.4 889.7 24.321.9 14.5 11.4 27.3 51.13 37.38 1.010 11.01 1.375 181.90 2182.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.010 10.01 1.759 187.0 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.36 1.010 16.00 1.375			1755.0	692.3	16137.0	12.3	3.6	23.3	45.00	31.13	.875	14.00	1.125	28.44	
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163.64 1941.7 792.0 20113.1 13.4 10.4 25.4 48.13 34.36 1.000 11.00 1.375 172.14 2114.8 876.5 2861.5 14.4 11.3 27.2 50.63 37.13 1.000 13.00 1.125 17.2 9 1966.6 877.0 21755.3 13.7 10.9 24.6 50.63 37.31 1.000 13.00 1.375 17.3 84 2130.4 8089.7 24321.9 14.5 11.4 27.3 51.13 37.36 1.000 11.00 1.375 181.90 2162.2 962.9 2613.9 14.5 11.4 27.3 51.13 37.75 1.000 11.00 1.375 187.0 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.36 1.000 16.00 1.375	X1.000/1.500T		1942.5	786.5	20084.1	13.4	10.3	25.5	48.00	34.50	1.000	10.00	1.500	35.88	
172.14 2114.8 876.5 23861.5 14.4 11.3 27.2 50.63 37.13 1.000 13.00 1.125 172.99 1986.8 877.0 21755.3 13.7 10.9 24.8 50.88 34.38 1.000 13.00 1.375 173.84 2130.4 889.7 24321.9 14.5 11.4 27.3 51.13 37.38 1.000 11.00 1.375 181.90 2182.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.000 10.00 1.375 187.00 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.38 1.000 16.00 1.375	X1.000/1.375T		1941.7	792.0	20113.1	13.4	10.4	25.4	48.13	34.38	1.000	11.00	1.375	35.76	
172.99 1966.6 677.0 21755.3 13.7 10.9 24.6 50.88 34.36 1.000 13.00 1.375 173.84 2130.4 689.7 24321.9 14.5 11.4 27.3 51.13 37.36 1.000 11.00 1.375 161.90 2162.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.000 10.00 1.750 167.00 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.36 1.000 16.00 1.375	X1.000/1.125T		2114.8	876.5	23861.5	14.4	11.3	27.2	50.63	37.13	1.000	13.00	1.125	38.51	
173.84 2130.4 089.7 24321.9 14.5 11.4 27.3 51.13 37.38 1.000 11.00 161.00 161.90 2162.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.000 10.00 167.00 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.38 1.000 16.00	K1.000/1.375F		1986.8	877.0	21755.3	13.7	10.9	24.8	50.08	34.38	1.000	13-00	1.375	35.76	
07 181.90 2182.2 962.9 26139.5 14.9 12.0 27.1 53.50 37.75 1.000 10.00 57 187.00 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.38 1.000 16.00	X1.000/1.375T		2130.4	2.698	24321.9	14.5	11.4	27.3	51.13	37.38	1.000	11-00	1.375	38.76	
.000/1.375f 187.00 2043.0 1004.4 24076.4 14.2 11.8 24.0 55.00 34.38 1.000 16.00	X1.000/1.750T		2182.2	962.9	26139.5	14.9	12.0	27.1	53.50	37.75	1.000	10-00	1.750	39.13	
	. 000/1.37	187.00	2043.0	1004.4	24076.4	14.2	11.8	24.0	25.00	34.38	1.000	16.00	1.375	35.76	

1.375 IN. PLATE (AREA= 64.28 SQ.IN.)

S	SECTION MODULUS   SECTION MODULUS   SECTION MODULUS   Section
SECTION SECTIO	SQ.IN.)  SECTION  2.99  3.70  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69  4.69
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## 30FS AD A048989



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

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IONS	FLA	HIDIN	8-00	200.	2000	9	2.00	7.00	8.00	6.00	5.00								9.00	7.00				6.0				9.6		11.00		10.00	2.5	9		200	200		10.00	8.00	
DIMENSIONS	MEB	THICK	.375	. 430	000	4 4 4	438	438	.438	.438	.438	.438	.438	.438	.438	. 430	000	4.4	.438	.438	.438	.500		.500	.500	. 438	.438	. 5.00	438	.438	.438	.438	. 500	.500	. 200	2000		200	200	200	
*** BEAH		DEPTH	12.66	14.53	10.09	16.53	16.66	14.59	14.53	16.59	16.72	16.53	14.59	14.53	16.59	16.53	70.01	16.59	16.53	16.72	16.66	18.66	10.25	18.59	18.72	14.66	16.72	16.66	16.59	14.66	16.72	16.66	18.72	18.88	18.72	10.00	10.23		18.66	18.88	
*******	- 7	œ	•	30.6	10.06	10.10	10.28	10.28	10.38	10.56	5	10.72		0	11.16	11.25	11.01	11.75	11.78	0	N	NF	2 1	12.56	12.59	15.69	12.75	12.91	12.94	13.34	13.47	5		NI	-			: 4	15.56	1	
		-	ż.	10.1	16.0	15.0	16.1	1 6.1	14.0	15.9	16.1	15.9	14.0	13.9	15.8	15.0	15.9	15.7	15.7	15.8	15.7	17.7	15.0	17.6	17.7	13.8	15.7	15.6	15.5	13.7	15.6	15.5	17.4	17.6	17.3	17.2	14.		17.1	17.2	
		4	1.9		2.0		2.1	2.0	2.0	2.2	2.2	2.2	2.1	2.1	2.3	2.5	2.5	2.4	2.4	5.4	5.5	2.4	2.5	2.5	5.5	5.4	5.5	9.2	2.6	2.5	2.7	2.7	2.8	2.8	6.2	6.0			3.5	3.2	•
			3.5	200		, ,	4.2			4.2	4.3	4.3	•							4.7				6.4								5.0			2.5	2.0	2.0		2.7		
		11	200	:		9	1498.5	83	1299.2	564.	.615	.665	397.	399.		766	11779.1	9		1928.4	1974.6	2052.0	1862.8	2134.2		1734.2		2250.2			-	2280.1	-	-	-	2622	-			3157.7	
	HOOD					92	. 0	91.	95.8	6	6	100.	99.	100.	107.	103	110.0	117.6	118.2	152.0	125.7	115.6		121.3	121.4	156.0	133.8	127.0	137.3	135.3	45.	147.2		151.3	151.0	104.1	167.3	176.0	175.9	183.3	
	SECT TON	747	557.4	612.3	627.9	705.6	713.0	636.4	9 639.4	727.2	731.4	734.2	661.4	661.3	756.9	25.7	778.3			•	605.6	840.0	777.2		858.3	725.0	826.3	830.5	830.1		851.5	852.6	926.7	939.2	355.2	1.666			982.2	002	•
		-			34.20				. 10		-	-		-	<b>or</b> 1		10.61	39.95	40.05	10.90	41.65	41.75	12.00	42.70	42.81	43.15	43.35		**	45.36		-	-	•	-	•		. 4	52.90		
		17E	•	1200	. 6567	5311	1959	1465	.5317	1465.	.7191	.531T	. 594T	.5311	1965	1156.	. 6561	1465	. 531T	.7197	.656	.6567	AZET	• •	•	•	191	1929	1965	.656T	•	.65	.7191	•		•		•	.656T		•
		OMINAL SI	.3757	1000	188	438/	438/	.438/	438/	.438/	.438/	.438/	.438/	.438/	199	1	1 30	638/	.438/	.438/	.438/	.5007	200	.500/	.500/	.438/	.438/	2007	.438/	.438/	.438/	.438/	-500/	1004	1000	1000	2005	2005	2007	.500/	
		HON	× 1	2		×			14x 6x	<b>9</b>	2×	16x 7x										18X 5X		18x 6x	18X 5X	-		18x 6x		14X11X	16x 9x	16×10×			100	104 94	184 78	1 X X O X	18X10X	18× 8×	

| 10.1   | 14.6   | 14.53                                                                                                                                                        | 14.61                                                                                                                                                                                                                                    | 14.53                                                                                                                                                                                                                                                                                                                                                                                             | 14.61                                                                                                                                                                                                  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      6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       6751       < | 10x . 500/. 8751         60.35 1051.6         215.2         3640.5         6.2         3.5         16.9         17.75         18.88         500         10.00         875           8x . 625/. 8751         68.44         1197.6         238.7         4652.9         6.9         3.9         19.5         20.13         21.88         .625         10.00         .875           10x . 625/. 8751         70.14         1210.4         249.9         4815.4         7.0         4.0         19.5         21.75         .625         10.00         .875           11x . 625/. 8751         72.64         7.0         4.0         19.3         21.05         21.75         .625         10.00         .875           11x . 625/. 8751         72.64         7.0         4.0         19.1         21.88         .625         10.00         .875           10x . 625/. 8751         72.64         7.0         4.0         19.1         21.88         .625         10.0         .875           10x . 625/. 8751         72.64         7.6         19.1         23.25         22.13         .625         10.0         .875           10x . 625/. 8751         82.9         80.0         7.7         4.6         10.1         23.6 | 10x . 625/ . 6751         635 . 16.9         17.75         16.8         500 . 10.0         675           6x . 625/ . 6751         68.44         1197.6         236.7         4652.9         6.9         3.9         19.5         20.13         21.88         . 625         10.00         . 675           10x . 625/ . 7507         70.14         1210.4         249.9         4815.4         7.0         4.0         19.5         21.75         . 625         10.00         . 675           10x . 625/ . 7507         71.40         1224.9         4815.4         7.0         4.0         19.3         21.75         . 625         10.00         . 675           10x . 625/ 7507         72.6         9.0         7.2         4.1         19.1         21.75         . 625         10.00         . 675           10x . 625/ | 0x         500         675         66.9         17.75         18.0         500         10.0         075           0x         625         687         689         3.9         19.5         20.13         21.06         500         000         075           0x         625         687         68.4         1197.6         218.7         4652.9         6.9         3.9         19.5         20.13         21.0         6.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 | 10x         500         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6751         6752         6752         6 | 0x         500         175         160         1775         18.08         500         100         075           0x         625         401         401         19.5         20.13         21.08         500         100         075           0x         625         401         401         19.3         21.07         625         10.00         075           9x         625         401         19.3         21.00         21.05         10.00         075           1x         625         401         401         401         19.3         21.00         21.05         625         10.00         075           1x         625         401         401         401         401         10.3         21.05         625         10.00         075           1x         625         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401         401 | 0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5 <th>0.0         500         500         500         500         17.75         10.00         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600</th> <th>0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.       
 0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         <th< th=""><th>0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0x         550         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675</th><th>(K)         (K)         (K)</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00        
0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<></th></th></th<></th></th></th<></th> | 0.0         500         500         500         500         17.75         10.00         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600         600 | 0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0. <th< th=""><th>0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0x         550         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675</th><th>(K)         (K)         (K)</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00    
    0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<></th></th></th<></th></th></th<> | 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0 | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00        
0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>0x         550         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675</th><th>(K)         (K)         (K)</th></th<> <th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675  
675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<></th></th></th<></th> | 0x         550         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675         675 | (K)         (K) | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0</th></th<><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00       
 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<></th></th></th<> | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0</th></th<> <th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00        
0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<></th> | 0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         &lt;</th><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675  
675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<></th></th<> | 8. 6257, 6751         68.44   197.6         615.9         66.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         68.9         19.5         16.9         17.75         18.86         68.9         18.9         18.9         68.9         3.9         18.5         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         18.9         < | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<></th></th<> | 0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <th< th=""><th>  No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675  
675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675</th><th>  K</th><th>  K</th><th>  K</th><th>  X</th><th>  X</th></th<> | No. 5597, 6757  68.45   1976   215.2   3597.5   6.5   3.5   16.9   17.75   18.86   559   10.0   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675 | K                 | K                 | K                 | X                 | X                  |

1.500 IN. PLATE (AREA= 76.50 SQ.IN.)

			SECTION	MODIII IIS						*** BEA4		u	ANGE
MINAL SIZE		WI/FT	ZPL	3	INERTIA	~	d.	+	AREA	DEPTH	THICK		-
.4381	-	16.35		2.2	258.3	1.5	1.2		4.81	7.44	.250	7.00	.438
.438T		16.59	297.0	33.1	362.8	1.8	1.2	11.0	4.88	10.44	.313	4.00	.438
.4381		16.59		36.2	0,		1.2		80.4	94.6	.250	9-00	.438
43 AT		17.20		36.2	324.8		1.2		5.06	8.44	.250	7.00	438
. 50 OT		17.44		35.7	393.3	1.9	1.2		5.13	10.50	.313	00-4	.500
.438T		18.05		40.5	-	1.9	1.3		5.31	9.44	.250	7.00	.438
.375T		18.29			419.0	2.0	1.3	10.9	5.38	10.38	.313	6.00	.375
.500T		19.14		41.1	450.6	2.0	1.3	11.0	5.63	10.50	.313	2.00	.500
.438T		19.55		42.5	462.8	2.1	1.3	10.9		10.44	.313	6.00	.438
.563T		20.20		44.4	488.1	2.1	1.3		5.34	10.56	.313	5.00	.563
.500T		20.84		9.94	507.7	2.1	1.3	10.9	6.13	10.50	.313	6.80	.500
.4387		21.05		47.3	512.4	2.2	1.3	10.8	6.19	10.44	.313	7.00	.438
.500T		21.45		46.6	462.0	2.0	1.3	6.6	6.31	9.50	.313	7.00	.500
1694.		21.69		45.8	587.6	2.3	1.4	12.8	6.38	12.47	.375	4.00	694.
. 5631		22.10		5005	552.0	2.2	1.4	10.9	6.50	10.56	.313	6.00	.563
.500T		22.54		51.9	564.0	2.3	1.4	10.9	6.63	10.50	.313	7.00	.500
.531T		55.54		6.84	629.3	5.4	1.4	12.9	6.63	12.53	.375	4.00	.531
.5637		56.22		6.05	80508	2.1	1.4	9.9	6.15	9.56	.313	7.00	.563
.500T		23.15		51.6	509.0	2.1	1.4	6.6	6.81	9.50	.313	8.80	.50
1694.	_	23.26	462	51.8	662.1	5.4	1.4	12.8	6.84	12.47	.375	2.00	694.
. 5941		23.39		52.0	671.4	5.5	1.4	15.9	6.88	12.59	.375	00.4	.594
. 5631		24.00	428.7	9.99	615.0	5.4	1.4	10.9	7.06	10.56	.313	2.00	.563
.500T		54.24	430.9	57.4	620.8	5.4	1.4	10.8	7.13	10.50	.313	0-00	.50
.656T		24.24	486.4	25.0	712.5	5.5	1.5	12.9	7.13	12.66	.375	4.00	.656
.5631		24.85	392.5	26.4	557.5	2.2	1.4	6.6	7.31	9.56	.313	8-00	.563
1694.			495.8	27.7	735.5	5.6	1.5	15.7	7.31	15.47	.375	6.00	694.
1965.		*	208.6	29.5	764.2	5.6	1.5	15.8	7.47	12.59	.375	2.00	.594
. 5631		52.94	456.2	62.8	4.619	5.5	1.5	10.8	7.63	10.56	.313	8.00	.563
.65AT	_	3	530.5	63.4	816.2	2.7	1.5	15.9	7.78	15.66	.375	2.00	•656
1694.	_	56.45	526.4	63.7	808.4	2.7	1.5	15.7	7.78	15.47	.375	2.00	.469
1965.	_	3	2.995	67.1	856.8	2.8	1.6	12.8	9.00	12.59	.375	6.00	.594
.5311	_	9	254.7	69.3	9.618	2.8	1.6	15.7	8.22	12.53	.375	7.00	.531
.6561	_	-	569.8	71.8	918.4	5.9	1.6	15.8	9.44	12.66	.375	6.00	• 656
1465.	_	3	580.6	74.7	949.2	5.9	1.6	15.7	9.66	12.59	.375	7.00	.594
.531T	_	29.75	564.1	76.0	960.0	6.2	1.6	12.6	8.75	12.53	.375	9.00	.531
.5317	_		630.3	71.6	1046.4	3.0	1.7	14.6	8.78	14.53	.438	2.00	.531
. 5947	_	30.91	655.0	16.0	1112.4	3.1	1.7	14.6	60.6	14.59	.438	2.00	.594
1965.	_	31.45	61119	82.3	1039.8	3.0	1.7	12.6	9.25	12.59	.375	00.0	.594
.531T	-	31.55	612.1	85.8	1041.7	3.0	1.1	12.6	9.58	12.53	.375	9.00	.531
.5317	-	31.65	9.699	19.4	1155.5	3.2	1.1	14.6	9.31	14.53	.438	6.00	.531
.656T	-	31.99	6.819	80.5	1181.2	3.2	1.7	14.7	9.41	14.66	.438	2.00	.656
.531T	-	32.84	771.9	85.4	1405.6	3.5	1.8	16.5	99.6	16.53	.438	5.00	.531
50	17	32.95	6 95 9	44.7	1284. 2			44.6	0	44	4.28	6.00	-
֡									i	ŕ		200	

	SHEAR	AREA	5.40	7.13	8.03	7.19	8.01	8.06	7.16	7.13	8.03	8.09	8.01	7.16	7.13	8.03	8.01	9.09	8.06	8.03	6.01	8.09	9.00	10.21	8.03	9.32	10.17	1	8.09	8.06	10.21	8.03	7.19	6.0	8.06	9 (	10.32	Э.	10.17	10.	10.24	10.21	10.32	10.21
******	NSE	THICK	.656	.531	.594	.656	.531	.656	.594	.531	.594	.719	.531	.594	.531	.594	.531	.719	.656	.594	.531	.719	• 656	.656	.594	.875	.594	6119	719	.656	969.	.594	.656	.719	.656	. 13		67.0	400	. 75	719	656	.875	.656
TONS	5	I				6.00												6.00	7.00	8.00	9.00	7.00	9.00	2.00	9.0	2.00	9		9.00	9.00	6.00	10.00	11.00	9.00	10.00	00-2	000			200	000	10.00	8.00	11.00
-	MEB	THICK	.375	. 438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	. 430	. 500	.500	0000	638 6.4	.438	.500	.438	. 438	. 438	. 438	0000	000	2000	000	000		2005	200	.500
BEA		DEPTH	12.66	14.53	16.59	14.66	16.53	16.66	14.59	14.53	16.59	16.72	16.53	14.59	14.53	16.59	16.53	16.72	16.66	16.59	16.53	16.72	16.66	18.66	16.59	16.88	18.59	10.12	16.72	16.66	18.66	16.59	14.66	16.72	16.66	18.72	10.00	70.00	10.00		18.72	18.66	18.68	18.66
*******		RE			6	10.06	7	2.	2.		.5	.5	-		6	-	2.		.5	-		•	~	2			•		12.75			•		*	13.56	-	14.25	. "		•			16.00	
		46	2	;	9	14.6	;		;	;		•	16.3	;	14.4	•	•	•	•	•	•	16.3	•		9		16.1	701	; ;	16.1		;	14.2		16.0		10.1	:,	: .		17.8	17.7	:	17.6
		YP																						•	•	•		•	2.3						•	•	•	•		•		•		
		~	3.1	3.3	3.6	3.4	3.7	3.7	3.4	3.5	3.8				3.6			4.0	4.1	4:1	.:	4.2	4.2	£.4			* .		,	4.4	4.5	*:	4.1	4.5		•	•	•	2.0				5.3	
		INERTIA	1120.8	1263.8	1490.6	1314.6	1545.7	1575.9	1354.9	1371.4	1645.4	1661.2	1682.7				1817.5			1948.9	1951.7	2032.2	2081.7		2038.9	1953.9	1.6422		2213.0	2246.5			1961.1		2409.1	•	:	: .	•				3360.9	378
	MODULUS	ZFL	9.88	87.2	90.5	90.1	94.3	95.5	93.5	95.1	100.4	100.6	103.2	102.3	102.9	110.3	111.9	112.6	117.3	120.1	120.8	154.6	128.3	118.4	130.0	118.5	124.0	104.0	136.5	139.2	130.7	140.0	138.2	148.6	150.1	150.8	154.5	1.401	164.2	170	177.6	179.3	186.8	191.5
	SECT ION	747	6 38 . 4	7.05.1	798.6	721.7	814.8	824.4	733.3	737.7	843.8	849.1	853.6	767.6	167.8	9.499	6.888	898.2	914.0	951.6	921.7	942.3	952.7	9.066	955.9	915.5	1010.6	667	981.6	987.8	1036.8	987.8	983.7	1018.0	1020.0	1111.0	7.0211	11211	1158.4	1176	1188.4	11911	1219.1	1221.9
		L	15	94	06	20	65	56	35	53	90	01	45	38	60	16	52	45	4.1	2	2	0	2	2	9	2	9	4 4	43.35	6	0	2	9	0	2	2		-	1		9	2		2
		-	•	.531T	•	•	•	•	•	•	•	1617.	•	•	•	•	.531T	•	•	•	.531T	•	.656T	•	1965	•		•	• •	•	•	•	•		•	•		•		•		1989		. 65
		INAL SI	.375			.438/									.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.500/	.438/	1005	1004.	•	438/		•			•	.438/	•	•	•	•	•	• '		.5007	
		Z				14X 6X		16x 5x								16x 7x	16x 8x				x6 x9		6x 8x		X6 X9		10 x 0 x	KA . W.	16x 8x	x6 x9	AX AX	6X 10X	4X11X	x6 x9	6x10x	X/ X8	X0 X0	***	184.04	***	AX 9X	AX 1 UX	18X 8X	18X11X

1.7500 - 1 3/4 in.

AREAR SALES DEFTH 118:72 21:98:72 21:98:72 21:98:72 22:98:38 22:98:38 22:98:38 22:98:38 22:98:38 31:33 31:33 34:50 34:38 34:38 AREA 117.63 117.63 117.63 117.63 117.63 117.63 117.63 127.63 127.33 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127.63 127. INERTIA 388050 5496660 5514600 57180 572840 572840 572830 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 77080 SECT ION 10x12x 500/ 719T
10x12x 500/ 719T
21x 0x 625/ 875T
21x 0x 625/ 875T
21x 10x 625/ 875T
24x 10x 625/ 875T
24x 10x 688/ 875T
27x 10x 750/ 125T
27x 10x 750/ 125T
27x 11x 688/ 875T
27x 11x 6875/ 1.25T
27

1.7500 - 1 3/4 in.

1.750 IN. PLATE (AREA=104.13 SQ.IN.)

HEAR	AREA	45			. 65	.77	1.19	1.36	1.00	1.37	1 56	1.20	1.55	1.36	1.19	1.56	1.55	1.37	1.56	1.37	2.33	2.11	2.35	2.58	2.33	2.36	2.60	2.83	2.58	2.33	2.61	59.2	2.83	5.86	2.50	5.85	2.83	2.60	5.36	5.86	5.85	2.61	2.60	2.36	5.86	59.2	3.87	2.61
LANGE	ICK			001.	.166	.188	.313	.250	.313	.313	212		062.	.250	.313	.313	.250	.313	.313	.313	.313	438			.313									.438	.313	.375	.313	.375	. 438	.438	.375	.438	.375	.438	.438	.375	.375	.430
			2000	2000	3.00	3.00	2.00	2.00	3.00	2.00		00.7	3.00	00.4	4-80	3.00	4.00	00-7	4.00	5.00	3.00	3.00	3.00	3.00	4.00	3.00	3.00	3.00	4.00	2.00	3.00	3.00	4.00	3.00	2.00	4.00	2.00	2.00	2.00	4.00	2.00	2.00	6.00	6.00	2.00	6.00	4.00	6.00
MEB WEB	THICK	125	135	677.	•155	.125	.188	.198	.188	188		.100	.188	.188	.188	.186	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.250
BEA	DEPTH		2010	67.	3.19	4.19	4.31	5.55	3.31	5.31		10.0	62.9	5.25	4.31	6.31	6.25	5.31	6.31	5.31	7.31	99.9	7.38	8.31	7.31	7.44	8.38	9.31	8.31	7.31	9.44	9.38	9.31	9.44	8.31	9.38	9.31	8.38	7.44	9.44	9.38	9.44	8.38	7.44	9.44	9.38	10.38	8.54
	AREA	75			16.	1.06	1.38	1.44		1.56	1	1.12	1.68	1.94	2.00	2.06	2.13	2.19	2.38	2.50	2.69	2.81		2.34	3.00	3.06	3.13	3.19	3.25	3.31	3.31	3.38	3.50	3.56	3.56	3.75	3.81	3.88	3.94	4.00	4.13	4.19	4.25	4.38	***	4.50	4.63	4.63
	¥	4.3		200	4.2	5.5	5.3	6.2	6.3	6.3		2:	7.2	6.2	5.5	7.2	7.2	6.2	7.2	6.2	8.2	7.3	8.3	9.2	8.2	8.3	9.5	10.2	9.2	8.2	9.3	10.2	10.1	10.3	9.1	10.2	19.1	9.5	6.3	10.2	10.2	9.5	9.2	8.2	10.2	10.1	11.1	9.5
	Y				1:0	1.0	1.0	1.0	1.0	1.1		::	1.1	1:1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2
	~				•						•	•			•	6.	6.	6.	1.0	6.	1.0	1.0	1:1	1.1	1:1	1.1	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1:4	1.3	1:4	1.4	7.4	1.3	1.5	1.5	1:4	1.4	1.4	1.6	1.6	1.6	1.5
	INERTIA	54.3	200		27.4	6.49	9.69	77.2	65.3	82.0		2006	104.2	92.6	85.8	113.7	116.7	105.3	129.6	116.8	148.8	140.4	161.3	192.3	168.6	173.8	198.3	221.9	207.6	188.5	213.9	241.4	252.9	5.092	232.5	279.1	284.0	259.5	231.2	304.5	316.4	285.4	289.5	259.2	348.8	353.0	362.7	320.8
HODALUS	ZFL				13.8	12.6	13.2	12.5	15.3	13.1		13.0	14.5	15.5	16.4	15.7	16.3	16.9	18.0	18.8	18.1	19.2	19.5	19.9	50.6	20.9	21.5	21.9	22.7	23.1	23.0	23.6	25.0	52.4	55.4	27.4	28.1	28.2	28.0	29.8	31.2	30.9	31.6	31.5	34.2	34.8	32.6	34.9
SECTION	ZPL	2 2 2		0.00	26.1	65.9	6.99	73.8	65.9	0		v !	97.3	89.5	80.7	105.1	107.6	97.6	118.1	106.8	133.8	126.3	143.6	160.8	149.2	153.3	173.0	191.6	179.9	164.3	184.6	206.1	214.4	250.5	196.0	233.0	236.3	217.1	195.1	250.4	258.3	234.8	237.5	214.2	279.6	282.1	289.5	258.0
	HT/FT		66.6	•											6.80		7.24								10.20						11.25			12.10			12.95					14.25			15.10			
	. ZE		1001	1001	.1881	.188T	.313T	.250T	.313T	3137	12. 12	1010	1062.	.250T	. 313T	.3131	.250T	.313T	.3137	.3131	.313T	.438T	.3751	.313F	.313T	.438T	.3751	. 31.3T	.313T	.313T	.438F	.375T	.313T	-438T	· 313F	.375T	.313T	.3751	.4381	.4381	.375T	.438T	.375F	.4381	43	.375T	.375T	.438T
	OMINAL SI	u	1361		1521.	.125/	.188/	.188/	188/	188/			.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.250/	1052	.250/	.250/	-250/	.250/	.250/	.250/	-250/	-250/	.250/	.250/	-250/	-250/	-250/	.250/	.250/	-250/	.250/	.250/	-250/	-250/	1052.	.250/	.250/	-250/	.313/	.250/
	NON	47 YF																									8X 3X										9x 5x								9x 5x			

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232.6 309.4									****	***	
309.4	732	INERTIA	ď	4P	46	AREA	DEPTH	THICK	HIOIM	THICK	AREA
309.4	35.0	287.2	1.4	1.2	8.2	4.81	7.4%	.250	7.00	.438	2.36
306.7	35.3	393.7	1.7	1.3	11.2	4.88	10.44	.313	4.00	.438	3.89
	38.6	392.1	1.7	1.3	10.2	4.88	9.44	.250	6.00	.438	2.86
318.1	36.7	407.7	1.1	1.3	11.1	2.00	10.38	.313	5.00	.375	3.87
279.8	38.8	355.6	1.6	1.3	3.6	9.09	9.44	.250	7.00	.438	2.61
329.1	38.0	455.4	1.7	1.3	11.2	5.13	10.50	.313	4.00	.500	3.91
332.1	42.9	434.7	1.8	1.3	1001	5.31	9.44	.250	7.00	.438	2.86
344.9	0	452.1	1.8	1.3	11.1	5.38	10.38	.313	6.00	.375	3.87
364.2	43.4	484.9	1.9	1.3	11.2	5.63	10.50	. 313	2.00	.500	3.91
371.4	44.8	497.6	1.9	1.3	11.1	5.75	10.44	.313	6.00	.438	3.89
8	46.8		1.9	1.4	11.2	96.5	10.56	.313	5.00	.563	3.93
	48.9	544.4	2.0	1.4	11.1	6.13	10.50	.313	6.00	.500	3.91
	49.6	9.645	2.0	1.4	11.1	6.19	10.44	.313	7.00	.438	3.89
366.1	4.64	498.1	1.9	1.6	19.1	H	9.50	.313	7.00	200	3.60
	17.0	626.0		4	13.1	A. 3.	12.47	1775	4.00	469	5.43
	200	2000				2 4	, ,			299	20.2
	200	0.000				2000		210			200
	***	2000	1.0	*	11:1	20.0	10.00	010			76.0
1.0	21.0	2.699	2.2	1.4	13.1	6.63	12.53	.375	4.00	.531	2.43
390.7	53.5	6.249	2.0	1.4		6.75	•	.313	2.00	.563	3.62
	24.5	547.3	2.0	1.4	10.1	6.81	9.50	.313	8.00	.500	3.60
	24.0	703.3	2.2	1.4	13.0	6.84	12.47	.375	2.00	694.	5.43
	54.2	712.9	2.2	1.4	13.1	6.88	•	.375	4.00	165.	2.47
52.5	59.0	4.959	2.1	1.4	11.1	7.06	10.56	.313	7.00	.563	3.93
58.5	6.65	662.5	2.2	1.4	11.1	7.13	10.50	.313	8.90	.500	3.91
	57.3	155.6	2.3	1.5	13.2	7.13	12.66	.375	00 - 7	.656	5.50
	59.1	598.2	2.0	1.4	10.1	7.31	9.56	.313	8.00	.563	3.62
	60.0	179.6	2.3	1.5	13.0	7.31	12.47	.375	6.00	694.	5.43
	61.8	9.608	4.5	1.5	13.1	7.47		.375	2.00	*65*	2.47
	4.59	23	2.2	1.5	11.1	7.63		.313	00.9	.563	3.93
	65.7	863.6	5.5	1.5		7.78	12.66	.375	2.00	.656	5.50
562.5	66.1		5.4	1.5	12.9	7.78		.375	7.00	694.	5.43
	69.5		5.5	1.5	13.0	9.00		.375	6.00	.594	2.47
8.565	71.7	929.9	5.5	1.6	13.0	8.22	12.53	.375		.531	2.45
613.6	74.2	970.3	9.2	1.6	13.1	8.44		.375	•	.656	5.50
626.7	17.2	1002.6	5.6	1.6	13.0	9		.375	7.00	.594	2.47
631.0	78.5	1013.9	5.6	1.6		8.75	12.53	.375		.531	2.45
4.089	73.9	11011.3	2.8	1.6			14.53	.438	2.00	.531	7.24
708.9	78.3	1170.0	2.8	1.7	14.9	60.6	s.	.438	2.00	165.	7.27
9.499	84.8	1097.5	2.7	1.7		9.25	12.59	.375	8.00	*65.	2.47
665.0	85.4	-	2.8	1.7	12.9	9.28		.375	9.00	.531	5.45
726.6	81.8	1215.0	5.9	1.7	14.9	9.31	14.53	.438	6.00	.531	7.24
737.6	82.9	1241.7	5.9	1.7	15.0	9.41	14.66	.438	5.00	.656	
842.3	87.7	1471.9		1.7	16.8		16.53	.438	5.00	.531	8.12
758.4	87.2			1.7			14.59	. 438		165.	7.27
764.2	87.4		3.0	1.7	15.0	9.72	14.72	M		.719	7.32

2.000 IN. PLATE (AREA=136.00 SQ.IN.)

	SHEAR	AREA	5.50	7.24	8.14	7.30	8.12	8.17	7.27	7.24	8.14	8.20	8.12	7.27	7.24	8.14	8.12	8.20	8.17	8.14	8.12	8.20	10.17	8.14	9.44	0	10.36	7.30		10.33		7.30	8.20	8.17	10.36	9	10.36	10.33	10.30	10.44	10.36	10.33	10.44	10.33
****	ANGE	THICK	.656	.531	.594	969.	.531	969.	.594	.531	.594	.719	.531	*65.	.531	.594	.531	.719	•656	.594	.531	.719	666.	165	.875	165.	.719	.656	.719	.656	.594	.656	.719	• 656	.719	.875	.719	. 656	.594	.875	.719	.656	.875	9690
*	7	5	-	7.00		6.00	-	2-00	7.00	8.00	6.00	5.00	7.00	8.00	9.00	7.00	8.00	6-00	7.00	8-00	9.00	2.00	90	9.00	2.00	6.00	2.00	10.00	8.00	9	10.00	11.00	9.00	10-00	7.00	9 00	8.00	9.00	10-00	7-00	9.00	10.00	8-00	11.00
ö	ME B	THICK	.375	.438	.438	.438	.438	-	.438	.438		.438	.438	.438	.438	.438	.438	.438	.438	.438	. 438	.438	900	638	.500	.500	.500	.438	.438	200	.438	.438	.430	.436	.500	.500	.500	.500	.500	.500	.500	. 500	.500	.500
** BEAN		-	9	14.53	5	9	16.53	16.66		14.53	16.59	16.72	16.53	14.59	14.53	16.59	16.53	16.72	16.66	16.59	16.53	16.72	18.66		16.88	18.59	18.72	9	16.72	18.66	2	9	-	16.66	~		-	9		18.88	18.72	18.66	18.88	18.66
****		w	~	9.84	6		10.19	10.28	2	10.38	3	10.59	10.72	10.88	10.91	-	11.25	m	11.59	11.75	~	0	12.23	J M	M	96	66	69	52	12.94	9	m	3	13.56	0	14.25	-	6		-	3	15.56	16.00	2
						14.9						16.9			14.7		16.6		16.7		16.5			16.5	16.9	18.5			16.6	18.5	16.5	14.6	16.5	16.5				18.3				18.2		18.2
		46	1.7	1.7	1.0	1.7	1.0	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	5.4	5.4	5.4	5.4	2.4	2.5	5.5
		œ	2.8	3.0	3.3	3.1	3.3	3.4	3.1	3.1	3.4	3.4	3.5	3.2	3.3	3.6	3.6	3.6	3.7	3.7	3.7	2.0		3.6	3.7		4.0	3.6	3.9	4	4.0	3.7	4.1	4:1	4.4	3 .	4.5	4.5	4.5	4.6	4.7	4.7	4.8	4.0
		INERTIA	182.	1328.0	1560.3	1381.0	1617.8	1649.1	1423.3	1440.6	1721.8	1738.1	1750.8	1549.4	1551.9	1881.9	1901.7	1932.9	2003.0	2039.3	2042.3	4.9212	9.9922	2196.7	2046.2	2346.1	2363.2	1929.1	2316.5	2474.8	355.	2061.3	2507.6	2523.3	2841.3	927.	3075.3	3120.6	3124.3	3	2	3328.2	3497.7	3538.7
	MODULUS	2F			2	32.6			96.0	37.7	102.9	103.1	0	105.0	105.6	2	114.5	115.2	120.0	122.8	123.4	127.3	121.1	132.8	121.2	126.7	156.7	131.6	139.3	133.5	142.9	141.3	151.5	153.1	153.8	157.4	167.3	170.5	171.3	173.7			190.2	
	SECT ION		0.769	w		789.8	σ	0	804.3	810.0	930.6	936.8	43.		847.6	8	87.			1028.8	6	1054.8	1108.3	1073.0	1023.3	1134.1	.6	61.	1106.0	1169.8	;	9.966	1153.8	1156.8	:		:			1348.3	2	9	1406.2	1411.1
		MI/FI	33.15	33.46	33.90	34.20	34.65	34.35	34.95	35.29	35.90	36.01	36.45	36:33	37.09	37.34	38.25	38.45	39.41	39.95	40.05	06.04	41.75	61.96	42.09	42.70	45.81	43.15	43.35	44.00	64.00	45.36	45.90	46.10	47.70	48.45	50.15	50.69	20.80	51.44	25.60	52.90	24.40	55.15
		3Z !	.656T	.531T	1465.	.656T	.531T	.656T	1465 ·	.531T					.531T						5311	1617	1920	1965	1578.	1465 ·	1617.	.656T	.7191	.656T	1465.	. 65 6T		.656T						15	16	.655T	21	19
		OMINAL SI	.375/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	•	•	•	•	•	•	•	.438/	•	•	.438/	•	•	•		•	•	•	•	.5007	•	•	•	.438/	•	2005.	•	•	•	•	•	•	•	•
		NOM	2x 8x	X2 X4	8x 5x	X9 X5	24 X9	8X 2X	4% 7X	4X 8X	19 X9	6X 5X	XZ X9	4X 8X	x6 x4	6X 7X	6x 8x	8x 6x	X	6x 8x	x6 x9	1 Y	8 X 0 X	x6 x9	6x 5x	8x 6x	8X 5X	4×10×	2 A A A	18X 6X	6×10×	4X11X	x6 x9	6×10×	8x /x	19 X 9 X	X 9 X 9	X6 X8	BXIOX	8x 7x	8 9x	8×10×	8x 8x	8×11×

2.0000 - 2 in.

2.0000 - 2 in.

APPENDIX C
PROPERTIES OF COMBINED BEAM AND PLATE FOR HY-130 STEEL

2	•
18	9
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1	1
20	0
C	1
-	4
0	•

	HS.	ICK	•	.188 .54		.313 .65			-	-			313									-	-	~	2		-	.375 2.13	-	-		~	.438 1.89	.438 1.64	~ •	06.3		2.5			.500 3.01	3.	, m	563 3.	500	2
S	ANG	F	00		8	00	00	20	90	00	90	3.00	4-00	3.00	00-4	_	00	_	_	_	-	8		2	00		00	00	00		00										00.4	0		00-7	00-7	
	ME8	THICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.258	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	010	242	212	250	212	.313	.313	313	.313	313	
*** BEAN		4	3.19	4.19	3.25	3.31	3.25	4.31	5.25	5.31	6.31	6.25	4.31	6.31	5.31	6.31	5.44	7.31	6.44	7.38	8.31	7.31	•	8.38	6.31	8.44	6.38	8.38	7.38	6.44	9.44	8.38	35.		***	7.50		4 2 4	8.44	82.0	9.50	10.44	10.38	9.56	10.50	7007
		AREA	.75		0	1.19	m	M	4	1.56	1.75		2.00		2.19		2.56			2.88	2.94	3.00	3.06	3.13	3.25	3.31	3.38	3.50		3.69	3.75	3.88	3.94	4.13	4.19	10.4	200	4.00	7		4.81			0	-	2013
		YF	1.8	2.3	1.7	1.6	1.5	2.1	2.7		3.1	5.9	•	2.7	2.0	2.4	2.2	3.2	5.6	3.1	3.7	3.0	3.0	3.6	3.4	3.5	2.2	m	5.6	2.1	'n	r ·	2	:	2	• •			2.6		. 10			3.	3	:
		YP	-		1.7		1.9		2.	2.	3.		2	3.7		*	3.4	4.2	4.0		4.7	4.5	4.5	4.9	5.	5.1	4.3	5.5	;	*	5			•						2		•	•	6.2	,	•
		~			1.4		1.4	1.8	2.1	2.1	2.5	2.5	1.8	2.5	2.1	2.5	2.1	2.8		2.8			2.8	3.2	3.2	3.2	2.4	3.2		2.4	3		2	2.4		* * *			, ,		3.5	3.	3	3.5		0
	5	INERTI		4.3							3		2	16.2	12.1	18.0	13.6	24.7	2002	26.6	33.5	27.4	28.3	36.0	37.1	38.3	\$5.6	39.9	31.9	24.1	42.5	43.2	33.9	4.62	42.0	300	2000	7.2.7	4	51.6	63.6	77.2	78.7	66.8	A1.4	•
	MODULUS		1.	1.8	1.7	2.0	2.3	2.8	3.1	3.6	4.5	5.5	4.7	6.0	6.0	7.4	6.3	7.6	7.8	8.5	9.0	9.5	9.3	10.0	10.8	11.0	10.3	15.1	12.3	11.5	13.5	14.4	13.7	13.3	16.0			3.01	18.6	17.1	17.6	18.5	19.5	19.1	20.1	100
	SECTION	٩	1.6	2.1	1.7					3.3		4.2		***	3.5	4.5	0.4	6.5	5.1	6.1	7.1	6.1	6.2	7.3	7.4	7.5	5.3	7.6	6.5	2.4	7.8	7.9	2.9	5.5		10.0	•		8.2		10.6		12.2	10.8		10.1
	The state of the s	/FT	.55	5.99			*	4.69	4.90	5.30	5.95	6.39	6.80	7.00	7.45	8.09	8.70	9.15	9.55		10.00		10.40			.2	11.49	11.90	12.34	12.55		13.19	13.40	14.04	N	14.02		16.76	15.74	15.95	16.35	16.59	17.00	17.20	17.44	
				•	•	•	•	•	•	•	•		•	•		•		.313T	.438T	.375T	.313T	.313T	.438T	.375T	. 31 3T	.438T	.3751	.375T	.37 ST	.438T	.4381	.3751	.438T	-4381	-4381			775	187 A.	3757	.500T	.438T	3751	.563T	SOUT	1006.
		INAL SI	21	.125/														•	•	•	•	•	.250/	•	•	•	•	.250/	•	.250/	•	•	1052.	•	•	•	•	•	• •	•	٠.	•		.313/		•
		NOM	3X 2X	4X 2X																			7X 3X						7X 5X				7X 5X				× × × ×				3 4x			X7 X6		

IN. PLAIC LAKERS ..

203

																																					200									_
CHEAD	SHEAR	AREA	3.34	5.99	3.33	2.39	3.31	3.01	3.34	2.61	7 7 7		3.01	4.72	2.72	3.34	3.33	4.75	4.72	4.77	2.91	3.34	4.79	4.75	3.03	4.72	4.77	3.34	4.75	4.79	4.72	3.42		3.45	4.79	4.77	6.42	6.45	4.79	4.77	6.42	6.48	4.00	6.45	6.50	4.79
	105	THICK	.563	.438	.500	.500	.438	.500	.563	563	200		.500	694.	.563	.563	.500	.531	694.	.594	.625	.563	.656	.531	.563	694.	.594	.563	.531	• 656	694.		. 53.	.750	.656	.594	.531	165.	.656	.594	.531	.656	.875	.594	.719	.656
u		MIDTH	4-00	6.00	5.00	7.00	9-00	6- 00	5-00	7.00			1.00	00-4	7.00	6.00	7.00	00-4	5.00	4-00	7-00	7-00	4- 80	2.00	8.00	6-00	2.00	9.00	9-00	2.5			2.0	7.0	6.00	7.00	2.00	2.00	7.00	8.00	6.80	2.00	2.00	6.00	2.00	8-00
DIMENSIONS	MED	THICK	.313	.313	.313	.313	.313	.313	.313	313	2	212	.313	.375	.313	.313	.313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375		175	638	.375	.375	.438	.438	.375	.375	.438	.438	.500	.438	.438	.375
*** BEA4		DEPTH	10.56	9.44	10.50	7.50	10.44	9.50	10.56	7.56		00.00	9.50	12.47	8.56	10.56	10.50	12.53	12.47	12.59	7.63	10.56	12.66	12.53	9.56	15.47	12.59	10.56	12.53	12.66	12.47	69.2	12.51	7.75	12.66	12.59	14.53	14.59	12.66	12.59	14.53	14.66	7.88	14.59	14.72	12.66
		AREA	5.38	5.44	5.63	5.69	5.75	5.81	5.94	6.13	2	21.0	6.31	6.38	9.44	6.50	6.63	6.63	6.84	6.88	7.00	7.06	7.13	7.16	7.31	7.31	7.47	7.63	1.69	7.78	2.78	200	9.00	8.31	9.4.0	9.66	8.78	60.6	60.6	9.25	9.31	9.41	9.63	69.6	9.72	9.75
		4	3.9	3.2	3.7	2.1	3.6	3.1	3.6	2.1			6.2	2.5	5.4	3.3	3.2	5.1	6.9	6.4	2.1	3.1		4:1	5.6	4.6		5.9	*	5.5		2.2	? .	2.1	4.2		5.8	2.1	3.9	3.8	5.5	2.6	2.2	5.4	5.5	3.7
	-	4	9.9	4.9	6.9	5.5	6.9	9-9	7.1	2.5			0.0	**	6.3	7.3	7.4	7.6	7.7	7.8	5.6	1.6	7.9	7.9	7.1	9.0	9.1	7.8	8.2	. O	8.3	2.6		2.5	9.0	8.7	6.9	9.0	8.9	8.9	3.5	3.6	6.5	9.6	4.6	-
	,	œ	3.6	3.4	3.8	2.6	3.6	3.6	3.6	2.6		•	3.4	*	3.0	3.8	3.7	4.4	4.4	*:	5.6	3.7	4.5	*:	3.3	4.4	4.5	3.6	* *		*	9.2		2.6	*	*:4	5.1	5.1	*:	*:	5.1	5.1	5.6	5.1	5.1	4.4
		INERTIA	85.4	69.5	0.88	42.8	68.9	73.1	92.2	46.7	04.7		200	132.7	61.0	98.0	98.5	139.2	143.4	145.5	50.5	102.9	151.5	150.6	83.5	152.8	157.3	107.2	160.5	163.8	161.2	55.6	169-1	57.8	174.3	176.5	236.1	246.3	183.4	164.3	251.5	256.2	65.7	262.5	265.7	191.3
311 111007	20000	ZFL	21.7	21.7	23.6	20.0	24.6	23.8	25.5	21.8	27.0		2002	52.6	25.5	29.3	30.3	27.6	29.5	29.5	23.7	33.0	31.2	31.9	32.5	33.4	34.2	36.8	36.2	36.5	37.2	1.62	200	27.3	41.6	43.7	2.05	43.4	6.94	4.8.4	45.7	46.1	30.5	49.0	48.8	51.9
SECT TON	PECT TON	742	12.6	10.9	12.8	7.8	12.8	11.2	13.0	7.9			***	17.9	9.7	13.4	13.3	18.3	18.5	18.7	6.9	13.6	19.1	19.0	11.7	19.1	19.4	13.8	19.5	19.7	19.5		10.0	1001	20.3	20.3	26.7	27.2	20.7	20.7	27.5	27.8	11.2	28.1	28.3	21.0
	:	MI/FI	16.29	18.50	19.14	19.35	19.55	19.75	20.20	20.84	20.84		45.17	21.69	21.90	22.10	22.54	22.54	23.26	23.39	23.80	24.00	24.24	24.34	54.85	54.85	25.40	25.94	26.15	54.92	54.92	27.49	27.95	28.25	28.70	29.44	29.85	30.91	30.91	31.45	31.65	31.99	32.74	32.95	33.05	33.15
	1	SIZE	. 563T	.438T	.500T	.500T	.438T	.500T	. 563T	56.11	FOOT		1004.	1694.	.563T	. 563T	.500T	.531T	1694.	1465.	1529.	. 563T	.656T	.531T	.563T	1694·	1965.	.5631	.531T	.656T	1694.	1999	5317	7501	.656T	. 594T	.531T	1965.	.656T	1965.	.531T	.656T	1878.	59	.719T	65
		-		.313/	.313/	.313/	.313/	.313/	.313/	313/	1212		.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/		.375/	.313/	.375/	.375/		.375/	.375/	.375/	.430/	1756	138/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	2000	.438/	.438/	
	-	HON	×				×9 ×		0X 5X											12X 4X	1X	7×	×			×9	2×	×	×9		2	23	× ×		×9	×	2×	16X 5X	×	×	×	2			2×	×

0.1250 - 1/8 in.

THAL SIZE  117.1 20.0 TO											-			
MAL SIZE			204 1010	5							2		MOE	200
5537. 1017 56.95 44.2 7116.4 713.6 55 12.2 46.16.13 16.80 553 10.00 1719 5537. 1017 61.64 56.4 116.4 713.5 55.4 12.2 15.6 19.10 553 10.00 1719 5537. 1017 61.64 56.3 14.2 73.5 75.7 6.4 12.7 6.2 17.3 19.00 553 110.00 1719 5537. 1017 61.64 66.3 14.2 6 14.2 73.0 6.3 13.6 6 19.7 19.00 553 110.00 17.0 17.0 17.0 17.0 17.0 17.0 17	INAL SIZE	MT/FT	ZPL	ZFL	INERTIA	œ	4	4 5	AREA	DEPTH	THICK	MIDTH	THICK	AREA
5537, 7879 56.55 56.7 126.4 775.5 6.4 12.7 6.116.13 19.07 555 10.00 1.010 1.010 1.053 10.00 1.010 1.010 1.053 10.00 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.010 1.01	•	56.95	44.2	112.2	539.6	9.6	12.2		16.75	16.88	.500	10.00	.875	8.50
5537. 1017 61.64 61.64 61.21.3 779. 7 6.4 13.0 6.118.13 19.01 .553 11.00 .675 61.00 .553 11.00 .675 61.00 .553 11.00 .675 61.00 .553 11.00 .675 61.00 .553 11.00 .675 61.00 .675 61.00 .575 61.00 .575 61.00 .575 61.00 .675 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575 61.00 .575	•	58.85	56.7	116.4	718.5	4.9	12.7	6.2	17.31	18.72	. 563	10.00	.719	10.61
5537. 0771         65.7 15         69.6 142.6         79.0 15.4 6.3         75.6 19.75         16.8 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5         75.7 16.8 6.5	•	61.64	58.4	123.3	757.7	4.9	13.0	6.1	18.13	19.00	.563	8.00	1.000	10.77
.6557.1257 70.16 60.3 145.6 60.3 152.4 60.2 13.6 5.6 20.13 19.0 .553 12.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 15.00 10.055 1	•	67.15	9.65	142.8	799.0	6.3	13.4	2.6	19.75	16.68	.563	11.00	.875	10.70
6557/1257         70.14         60.3         152.4         071.2         6.2         13.6         5.4         20.6.3         16.0         90.0         12.2           660.7/1257         72.6         66.6         146.0         126.2         7.4         14.5         7.5         21.30         19.13         62.0         10.0         13.2         60.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0 <td>.563/1.00</td> <td>68.44</td> <td>60.3</td> <td>145.8</td> <td>815.3</td> <td>6.3</td> <td>13.5</td> <td>5.6</td> <td>20.13</td> <td>19.00</td> <td>.563</td> <td>10.00</td> <td>1.000</td> <td>10.77</td>	.563/1.00	68.44	60.3	145.8	815.3	6.3	13.5	5.6	20.13	19.00	.563	10.00	1.000	10.77
656/11257         72.69         65.6         146.8         876.8         6.3         13.4         5.9         23.3         19.13         .665         9.00         13.25           6600         8751         75.05         88.6         170.0         1256.2         7.4         14.5         7.5         24.0         21.0         .606         10.0         .875           6600         8751         78.0         18.0         91.0         11.0         13.0         7.4         14.6         7.7         24.0         26.0         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         .606         <		70.14	60.3	152.4	821.2	6.2	13.6	5.4	20.63	18.88	.563	12.00	.875	10.70
600/         0751         75.65         07.1         155.1         1235.2         7.4         14.5         7.5         22.31         21.0         660         9.0         0.0         0.0           600/         1751         70.5         17.0         17.5         23.4         22.31         6.60         9.0         0.0         0.0         17.0         17.0         17.5         24.6         22.1         6.60         9.0         0.0         0.0         17.0         18.6         17.0         0.0         0.0         17.0         18.6         17.0         22.4         6.2         22.1         6.60         17.0         17.0         22.4         6.6         22.1         6.60         17.0         17.0         22.4         6.6         22.1         6.60         17.0         14.0         77.2         22.4         6.0         17.0         17.0         17.0         17.0         22.4         6.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0	•	72.69	65.6	148.8	876.8	6.3	13.4	5.9	21.38	19.13	.625	9.00	1.125	12.03
666/1257         78, 65         66 170.0         1302.1         78, 14,5         75 23.49         21.00         60.0         170.0         1302.1         78, 14,5         75 24.05         21.30         60.0         110.0         60.0         110.0         60.0         110.0         60.0         110.0         60.0         110.0         60.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0         110.0 <td>.688/</td> <td>75.85</td> <td>87.1</td> <td>156.1</td> <td>1236.2</td> <td>7.4</td> <td>14.2</td> <td>7.8</td> <td>22.31</td> <td>21.88</td> <td>.688</td> <td>9.00</td> <td>.875</td> <td>15.14</td>	.688/	75.85	87.1	156.1	1236.2	7.4	14.2	7.8	22.31	21.88	.688	9.00	.875	15.14
600/1.1257         79.70         89.9         170.9         1310.0         7.4         14.6         7.7         23.44         22.43         .600         11.00         .675           6001.1257         61.00         90.0         1124.7         7.3         14.9         7.4         24.56         22.10         .600         11.0         .675           6001.1277         80.0         91.2         193.5         1364.4         7.3         15.0         22.00         22.00         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         12.0         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600         .600 <td< td=""><td>1889. 181</td><td></td><td>88.6</td><td>170.0</td><td>1282.1</td><td>1.4</td><td>14.5</td><td>7.5</td><td>23.19</td><td>21.88</td><td>.688</td><td>10-00</td><td>.875</td><td>15.14</td></td<>	1889. 181		88.6	170.0	1282.1	1.4	14.5	7.5	23.19	21.88	.688	10-00	.875	15.14
686/1, 2577 81.00 90.0 181.0 1324.7 7.3 14.7 7.3 24.00 21.00 668 11.00 .875 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 686 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13.25 7.10 13	.688/1.12		89.9	170.9	1310.8	7.4	14.6	7.7	23.44	22.13	.688	9-00	1.125	15.31
668/1.1277 63.59 91.6 165.7 1355.2 7.4 14.9 7.4 24.56 22.13 .668 9.00 1.12. 668/1.127 67.8 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1 12.0 68.1	.688/ .87	81.80	90.0	181.8	1324.7	7.3	14.7	7.3	24.06	21.88	.688	11.00	.875	15.14
666/1, 0757         64, 80         91.2         135, 4         7.3         15.0         7.0         24, 94         21.0         .666         12.00         .67         .68         10.0         12.2         .68         10.0         .68         10.0         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .68         .	.688/1.12	63.50	91.6	185.7	1365.2	7.4	14.9	1:4	24.56	22.13	.688	9.00	1.125	15.31
686/1.12 57         87.35         93.1         200.2         1444.6         7.4         15.2         7.1         25.69         22.13         .686         10.00         13.1           686/4.3757         87.57         90.42         26.75         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.	.688/ .87	84.80	91.2	193.5	1364.4	7.3	15.0	7.0	16.42	21.88	.688	12.00	.875	15.14
6667         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757         6757 <th< td=""><td>•</td><td>87.35</td><td>93.1</td><td>2002</td><td>1414.8</td><td>7.4</td><td>15.2</td><td>7.1</td><td>25.69</td><td>22.13</td><td>.688</td><td>10-00</td><td>1.125</td><td>15.31</td></th<>	•	87.35	93.1	2002	1414.8	7.4	15.2	7.1	25.69	22.13	.688	10-00	1.125	15.31
750/ 8757         90.95         119.1         208.6         1895.3         8.3         15.9         9.1         26.75         24.08         750         10.00         .05         750         10.00         .05         750         10.00         .05         750         .125         .05         .05         .05         .750         .750         .120         .05         .05         .05         .750         .750         .120         .05         .05         .05         .05         .750         .750         .120         .05         .05         .05         .05         .750         .750         .120         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05         .05	•	87.75	95.4	205.0	1401.3	7.3	15.2	9.9	25.81	21.88	.688	13.00	.875	15.14
**F50/1.1257         91.80         120.6         293.5         6.4         16.0         9.2         27.00         25.13         **F50         6.0         11.25           **F50/**********************************			119.1	208.6	1895.3	8.3	15.9	9.1	26.75	24.88	.750	10-00	.875	18.75
750/ .0757         93.94         121.0         222.0         1958.7         8.3         16.2         0.6         27.63         24.80         .750         11.00         .087           750/ .1257         95.64         123.0         226.6         2014.5         8.4         16.4         8.9         28.13         270         19.00           750/ .1257         95.64         123.0         226.8         2014.5         8.4         16.7         8.6         29.36         24.80         .750         12.00           750/ .1257         99.69         124.4         249.2         2014.5         8.3         16.7         8.6         29.36         24.80         .750         13.00         .875           750/ .1257         126.2         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16.7         16			120.6	209.8	1933.5	8.4	16.0	3.6	27.00	25.13	.750	8.00	1.125	18.94
750/1.1257         95.64         123.0         226.0         2014.5         0.4         16.4         0.9         20.13         25.13         .750         9.00         1.220           .750/1257         96.90         122.2         243.9         2016.2         0.4         16.7         0.6         20.25         25.13         .750         10.00         .075           .750/1257         99.90         125.2         243.9         2016.7         0.6         20.2         20.25         25.13         .750         10.00         .750         10.00         .750         .150         .750         .750         .150         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750 <td>1×</td> <td></td> <td>121.0</td> <td>222.0</td> <td>1958.7</td> <td>8.3</td> <td>16.2</td> <td>9.9</td> <td>27.63</td> <td>24.88</td> <td>.750</td> <td>11-00</td> <td>.875</td> <td>18.75</td>	1×		121.0	222.0	1958.7	8.3	16.2	9.9	27.63	24.88	.750	11-00	.875	18.75
750/ .075f         96.90         122.0         235.5         2018.2         0.3         16.4         0.6         20.55         25.13         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         10.20         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750 <th< td=""><td>X6</td><td></td><td>123.0</td><td>226.8</td><td>2014.5</td><td>9.4</td><td>16.4</td><td>6.9</td><td>28.13</td><td>25.13</td><td>.750</td><td>9-00</td><td>1.125</td><td>16.94</td></th<>	X6		123.0	226.8	2014.5	9.4	16.4	6.9	28.13	25.13	.750	9-00	1.125	16.94
750/1.125T         99.45         125.2         243.9         2009.5         0.4         16.7         0.6         29.25         25.13         .750         10.00         .075           .750/.125T         199.89         124.4         249.2         207.7         250.2         277.2         7.2         16.1         30.19         22.13         .680         15.00         1.25           660//1.125T         105.45         90.6         272.4         1610.7         7.1         16.3         7.2         16.3         1.22.13         .680         15.00         1.125           .750//1.125T         106.45         90.6         272.4         16.3         7.2         16.3         17.5         7.0         33.5         16.3         17.5         7.0         33.5         16.3         16.2         16.1         17.1         17.2         17.5         7.0         16.3         25.1         16.0         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.2         16.	-		122.8	235.5	2018.2	8.3	16.4	9.8	28.50	24.88	.750	12.00	.875	18.75
**************************************	-		125.2	243.9	5089.5	8.4	16.7	9.6	29.52	25.13	.750	10-00	1.125	18.94
688/1-1257         102.65         97.7         258.2         1577.2         7.2         16.1         6.1         30.19         22.13         .686         14.80         1.125           688/1-1257         105.45         99.6         272.4         1610.7         7.1         16.3         5.9         31.51         22.13         .686         14.80         1.125           750/1-1257         107.1         12.3         7.6         15.3         7.7         1.25           750/1-1257         107.1         16.3         27.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5         31.5	7		124.4	2.642	2074.5	8.3	16.7	8.3	29.38	24.88	.750	13.00	.875	18.75
-680/1-125T 106-45 90-6 272.4 1610-7 7-1 16-3 5-9 31-31 22-13 -686 15-80 1-125 -750/1-125T 107-10 128-9 277.7 2223-4 8-3 17-2 8-0 31-50 25-13 -750 12-00 1-125 -750/1-125T 107-10 128-9 277.7 2223-4 8-3 17-5 8-0 31-50 25-13 -750 13-00 1-125 -875/1-207T 110-94 130-15 297-6 2283-7 8-3 17-5 7-0 32-63 26-36 -875 10-80 1-125 -875/1-375T 127-09 180-0 336-6 3350-1 9-4 18-6 9-9 37-36 28-36 -875 10-80 1-125 -875/1-375T 127-09 180-0 336-6 3350-1 9-4 18-6 9-9 37-36 28-36 -875 10-80 1-125 -875/1-375T 131-34 183-3 357-6 3462-9 9-4 18-6 9-5 38-25 28-13 -875 10-80 1-125 -875/1-125T 133-99 182-7 376-8 3462-9 9-4 18-9 9-5 38-55 28-13 -875 11-80 1-125 -875/1-125T 137-70 184-7 395-7 3558-4 9-3 19-8 9-6 49-50 28-13 -875 11-80 1-125 -875/1-125T 137-70 184-7 395-7 3558-4 9-3 19-8 0-8 43-13 28-50 -875 13-00 1-125 -875/1-125T 148-75 239-8 408-0 4757-9 10-4 19-8 11-7 43-75 31-36 1-000 10-00 1-500	-		97.7	2.862	1577.2	7.2	16.1	6.1	30.19	22.13	.688	14.00	1.125	15.31
**************************************			98.6	272.4	1610.7	7:1	16.3	2.9	31.31	22.13	.686	15.00	1.125	15.31
**************************************	.750/1.12	107.10	128.9	277.7	2223.4	8.3	17.2	8.0	31.50	25.13	.750	12-00	1.125	18.94
-875/1.500T 126.24 180.1 332.7 3344.8 9.4 18.6 10.1 37.13 28.50 .875 9.00 1.500 .875/1.500T 126.24 180.1 332.7 3344.8 9.4 18.6 9.9 37.38 28.38 .875 10.00 1.550 .875/1.275 127.09 180.0 336.6 3359.1 9.4 18.6 9.9 37.38 28.35 .875 10.00 1.375 .875/1.275 131.37 102.9 36.8 357.5 359.2 58.33 .875 10.00 1.550 .875/1.275 131.37 102.9 36.8 357.8 36.8 38.2 58.50 .875 10.00 1.550 .875/1.275 131.75 102.9 36.8 3476.3 9.4 18.9 9.6 38.75 28.38 .875 10.00 1.575 .875/1.275 137.77 108.7 376.8 3476.3 9.3 19.8 9.2 39.36 28.13 .875 14.00 1.125 .875/1.275 137.70 108.7 395.7 3558.4 9.3 19.8 9.2 39.36 28.13 .875 15.00 1.125 .875/1.275 148.75 239.8 408.0 4757.9 10.4 20.2 11.7 43.75 31.38 1.00 10.00 1.375 1.000/1.375 15.00 28.13 .875 13.00 14.25 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.3	-		130.5	59,1.6	2283.7	8.3		7.8	32.63	25.13	.750	13-00	1.125	18.94
\$\text{8771.3757}\$\$ \$127.09 \$180.0 \$38.6 \$359.1 9.4 \$16.6 9.9 \$7.38 \$28.38 \$.875 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$10.00 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.375 \$1.300 \$1.300 \$1.375 \$1.300 \$1.30	7		180.1	332.7	3344.8	4.6		10.1	37.13	28.50	.875	9.00	1.500	25.05
-875/1.125T 130.05 180.5 357.5 3389.3 9.4 18.8 9.5 38.25 28.13 .875 13.00 1.125 .875/1.501 131.34 183.3 357.6 3469.9 9.4 18.9 9.7 38.63 28.50 .875 10.80 1.500 .875/1.501 131.34 183.3 357.6 3462.9 9.4 18.9 9.7 38.63 28.50 .875 10.80 1.575 10.80 1.575/1.125T 131.75 182.9 362.9 36.0 9.6 38.75 28.30 .875 14.00 1.225 .875/1.125T 137.70 184.7 395.7 3558.4 9.3 19.3 9.0 40.50 28.13 .875 15.00 1.125 .875/1.125T 137.70 184.7 395.7 3558.4 9.3 19.8 8.8 8.13.13 28.50 .875 13.00 1.500 1.500 1.000/1.375T 148.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.38 1.000 10.00 1.500 1.500 1.000/1.375T 153.44 24.2 4.29.8 4.924.8 10.4 20.2 11.3 45.00 31.75 1.000 10.00 1.575 1.000/1.375T 153.44 24.2 4.29.8 4.24.2 10.0 10.5 20.8 11.3 45.31 31.38 1.000 10.00 1.575	•		180.0	336.6	3350.1	9.4	18.6	6.6	37.38	28.38	.875	10.01	1.375	24.94
-875/1.570T 131.34 183.3 357.6 3469.9 9.4 16.9 9.7 36.63 28.50 .875 10.88 1.500 .875 10.88 1.500 .875 131.75 10.88 1.500 .875 11.800 1.375 .875/1.375 131.75 10.8.3 3462.7 9.4 18.9 9.6 38.75 28.36 .875 11.800 1.375 .875/1.257 137.89 10.2.7 375.8 3476.3 9.3 19.8 9.2 39.30 28.13 .875 15.800 1.225 .875/1.257 137.70 184.7 395.7 3558.4 9.3 19.8 0.6 6.50 28.13 .875 15.800 1.225 .875/1.2501 146.64 191.1 432.3 3793.6 9.3 19.8 0.8 43.13 28.50 .875 13.80 1.500 1.500 1.000/1.375T 148.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.38 1.000 10.8 10.500 1.500 1.500 1.500 1.375 1.000/1.375T 153.44 24.2 429.8 424.8 10.4 20.2 11.5 45.00 31.75 1.000 10.80 1.375 1.375 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.75	.875/1.12	130.05	180.5	357.5	3389.3	9.4	18.8	9.5	38.25	28.13	-875	13.00	1-125	24.72
-075/1.375T 131.75 102.9 361.9 3462.7 9.4 10.9 9.6 30.75 20.36 .075 11.00 1.375 .075/1.325T 133.89 102.7 376.8 3476.3 9.3 19.0 9.2 39.38 20.13 .075 14.00 1.125 .075/1.25T 137.70 104.7 395.7 3550.4 9.3 19.0 9.2 39.38 20.13 .075 14.00 1.125 .075/1.25T 137.70 104.7 395.7 3550.4 9.3 19.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.875/1.50	131.34	163.3	357.8	3469.9	9.6	18.9	4.1	36.63	28.50	.875	10-00	1.500	25.05
-075/1.125T 133.89 182.7 376.8 3476.3 9.3 19.8 9.2 39.38 28.13 .875 14.80 1.125 .875/1.125T 137.70 184.7 395.7 3558.4 9.3 19.8 9.2 39.38 28.13 .875 15.00 1.125 .875/1.25T 137.70 184.7 395.7 3598.4 9.3 19.8 8.8 43.13 28.50 .875 15.00 1.125 .875/1.250T 146.64 191.1 432.3 3793.6 9.3 19.8 8.8 43.13 28.50 .875 13.80 18.00 1.550 1.000/1.375T 148.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.36 1.000 10.00 1.575 1.000/1.375T 153.48 243.8 434.2 429.8 10.4 20.2 11.5 45.00 31.36 1.000 1.000 1.575 1.000/1.375T 153.48 243.8 434.2 4918.6 10.5 20.8 11.1 47.50 31.75 1.000 10.00 1.750	.875/1.37	131.75	182.9	361.9	3462.7	9.6	18.9	9.6	38.75	28.38	.875	11-00	1.375	24.94
.875/1.1257 137.70 184.7 395.7 3558.4 9.3 19.3 9.0 40.50 28.13 .875 15.00 1.125 .875/1.5007 146.64 191.1 432.3 3793.6 9.3 19.8 0.8 43.13 28.50 .875 13.00 1.500 1.000/1.3757 146.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.38 1.000 140.0 1.375 13.00 244.2 429.8 408.0 10.4 20.2 11.5 45.00 31.50 1.000 10.00 1.375 1.000/1.3757 153.44 243.2 4918.6 10.4 20.2 11.5 45.00 31.50 1.000 10.00 1.578 1.000/1.3757 153.44 243.8 434.2 4918.6 10.4 20.2 11.3 45.13 31.38 1.000 11.00 1.575 1.000/1.375	-875/1-12	133.89	182.7	376.8	3476.3	9.3	19.0	9.2	39.38	20.13	.875	14- 00	1.125	24.72
.875/1.5807 146.64 191.1 432.3 3793.6 9.3 19.8 8.8 43.13 28.50 .875 13.00 1.580 1.000/1.3757 148.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.38 1.000 10.00 1.375 1.000/1.3757 148.75 239.8 408.0 4757.9 10.4 20.2 11.5 45.08 1.000 1.000 10.00 1.580 1.000 1.580 1.000/1.3757 153.44 243.8 434.2 4918.6 10.4 20.2 11.3 45.13 31.38 1.000 11.80 1.375 1.000/1.3750 1.000 1.375 1.000 1.000 1.375	.875/1.	137.70	194.7	395.7	3558.4	9.3	19.3	9.0	40.50	28.13	.875	15.00	1.125	24.72
1.000/1.3757 148.75 239.8 408.0 4757.9 10.4 19.8 11.7 43.75 31.38 1.000 10.00 1.375 1.000/1.570 1.000 10.00 1.375 1.000/1.500 153.00 244.2 429.8 4924.8 10.4 20.2 11.5 45.00 31.50 1.000 1.000 1.500 1.000/1.3757 153.44 243.8 434.2 4918.6 10.4 20.2 11.3 45.13 31.38 1.000 11.00 1.375 1.000/1.50 252.4 472.1 5242.9 10.5 20.8 11.1 47.50 31.75 1.000 10.00 1.750	.875/1.	146.64	191.1	432.3	3793.6	9.3	19.8	8.8	43.13	28.50	.875	13.00	1.500	25.05
000/1.500T 153.00 244.2 429.8 4924.8 10.4 20.2 11.5 45.00 31.50 1.000 10.00 1.500 100/1.375 153.44 243.8 434.2 4918.6 10.4 20.2 11.3 45.13 31.38 1.000 11.00 1.375 100/1.375 153.44 243.8 472.1 5242.9 10.5 20.8 11.1 47.50 31.75 1.000 10.00 1.750	1.000/1.37	148.75	239.8	408.0	4757.9	10.4	19.8	11.7	43.75	31.38	1.000	10.00	1.375	31.51
000/1.3757 153.44 243.8 434.2 4918.6 10.4 20.2 11.3 45.13 31.38 1.000 11.00 1.375 000/1.7507 161.50 252.4 472.1 5242.9 10.5 20.8 11.1 47.50 31.75 1.000 10.00 1.750	000/1.50	153.00	244.2	429.8	4924.8	10.4	20.2	11.5	45.00	31.50	1.000	10-00	1.500	31.63
.000/1.750T 161.50 252.4 472.1 5242.9 10.5 20.8 11.1 47.50 31.75 1.000	000/1.37	153.44	243.8	434.2	4918.6	10.4	20.2	11.3	45.13	31.38	1.000	11-00	1.375	31.51
	.000/1.75	161.50	252.4	472.1	5242.9	10.5	20.8	1101	47.50	31.75	1.000	10-00	1.750	31.88

0.1250 - 1/8 in.

SHEAR	AKEA	24.	.54	19.	• 65	•9•	10.	1.02	1.03	1.22	1.20	10.	1.22	1.03	1.22	1.40	1.87	•	1.88			1.90	7	2.12	2.15	1.63	2.13			21.2	100	9	2.15				3.30	2.15	2.98		3.32	3.30	3.04	3.34	3.32	
ANGE	HICK	.188	.188	.250	.313	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.436	.313	.438	.375	.313	.313	.438	.375	.313	.438	.375	.375	.375		275	7	438	.438	.375	.438	.438	.375	m	-	.500	m	.375	9	•	.438	
7.5	-	2-00	0	2.00	0	3.60	2.00	2.00	2.00	2.00	3.00	00 - 4	3.00	00-5	** 00	3.00	3.00		3-00	3-00	00-7			00-4	3.00	2.00		2.00	2.00	•	200	6.00	5.00	4.00	6.00	4.00	4.00	6.00	2.00	4.00		2.00	00-5	4.00	2.00	
WEB	HICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	0620	250	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313	
			4.19						5.31	6.31	6.25	4.31	6.31	5.31	6.31	2.44	7.31	6.44	7.38	•	7.31	1.44	8.38	8.31	9.44			7.38		***				9.38	7.44	*				9.50				10.50		
4564	AKEA	.75	•	•	7	1.31		1.44	.5			-	5.06	7	2	.5	9						-		3.31	•				3.67	0	4.13			4.38	4.56	9	9.	9	4.81		2.00		-		
,										3.4					2.8										3.8					2.5												4.3	3.8	4.3	4.2	
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	INCKLIA							10.1		16.5		•		14.9	21.9		28.9								44.6			37.9	0.62	200	F.0.3	30.8	53.9	9.49	45.9		2.	2	:	72.7	2.	89.2	•	92.3	2.46	
S	٠.		1.9					3.4	3.8	4.0			4.9	•	7.9		8.1		9.0	9.6	9.8	6.6	10.6	11.5	11.7	11.0	12.9	13.1	12.5		14.6	14.2	17.0				17.8		18.1	19.7	19.5			21.3	2.	
NOI.	747	2.3	3.0	5.4	5.5	5.5	3.4	4.2	4.4	5.4	5.5	3.7	5.7	4.7			7.4				7.7				9.3			2.6	9.0				6.6	12.0	8.5	12.3	13.9	10.1	12.4	12.6	14.3	14.4	12.9	14.6		
177.		55.2	5.99	3.60	4.05	4.45	4.69	06.4	5.30	56.5	6.39	6.80	7.00	7.45	8.09	8.70	9.15	9.55	9.79	10.00	10.20	10.40	10.64	11.05	11.25	11.49	11.90	12.34	12.55	12.13	13.40	14.04	14.25	14.65	14.89	15.50	15.74	15.74	15.95	16.35	16.59	17.00	17.20	17.44	18.05	
,	77	1881	.188T	-250T	.313T	.250T	.313T	.250T	.313T	.313T	.250T	. 31 3T	.3131	.313T	.313T	.438T	· 31 3T	.438T	.375T	· 31 3T	. 313T	.438T	.3751	. 31 3T	-4381	.37.51	.3751	1575	1000	1757	TATAL	4387	.438T	.375T	.438T	.438T	.3751	.438T	.375T	.500T	.438T	.375T	. 563T	.500T	.438T	
10 141	"	1521	1521	1887	1887	188/	188/	1887	1887	X .188/ .3	188/	1887	.188/			201	.250/			2501	250/	.250/	2507	1052.	.250/	1062	.250/	1652.	1062.	CC	2501	250/	.250/	.313/	1052.			.250/	.313/	313/	313/	.313/	.313/	.313/	.313/	
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96.9 79.7 100.0	6		.9 0·4 F	j#j				I	•
100.0		96		m .	5.38	10.56	.313	. 00.4	563 3.35
100.0		.62	3.6 6.	;	3	9.44	.313	. 00	
	-	100.	.9 0.4 0		9.	10.50	.313	. 00	
20.4			4 2.8 5.	2.	9.	7.50	.313	•	~
101.1	-	101.	3.9 6.		5.15	10.44	.313	•	•
83.9		83.	3.6 6.	m		9.50	.313	. 00	
104.9	-	-	9 6.0		2.94	10.56	.313		~
25.7		55.	7 2.8 5.		6.13	7.56	.313	•	~
106.6	-	106.	6 3.9 6.	3	7		.313	. 00	~
88.3		88.	3 3.5 6.	3.	•		-		~
146.6	-	146.	6 4.5 7.	~	6.38		.375	. 00	3
71.0		71.	0 3.1 6.	1 2.	44.9	2		. 00	~
1111.7		111.	7 3.9 7.		6.50	š	.313		563 3.3
112.2	11	112.	.2 3.9 7.	3.	6.63	5	.313		
153.9	15	153.	.7 6.6 7.	5.	6.63	12.53	.375		•
158.6	1	158.	.6 4.6 7.	5.		3	.375	. 00	•
160.9	1	160.	.9 4.6 7.		8	S	.375	. 00	104 465
58.3			1 2.7 5.		7.00		.375	. 00	2
117.4			3.9 7.		7.06	10.56	.313	. 00	-
167.5		167.	4.6 7.		7.13	12.66	.375		556 4.81
		166.	.7 6.6 7.	2 5.0	7.16	12.53	.375	. 00	•
96.4	6	6	4 3.5 6.	9 2.8	7.31	9.56	.313	. 00	•
169.2			2 4.6 7.	j	7.31	12.47	.375	. 00	469 4.73
174.1		174.	1 4.6 7.	j	7.47	2	.375	•	•
155.5		122.	5 3.8 7.	6 3.2		2	.313		163 3.35
177.7			7 4.6 6.	;	1.69	10	.375		3
181.4 4			4 4.6 8.	;		12.66	.375	•	.4 959
			6 4.6 8.	;	-	3	.375		.4 69
			3 2.7 5.	5 2.3	7.88	1.69	.438	• 00	668 3.
			9.4.6	ż		in	.375		•
167.5			.6 9.4	;	~	2	.375	. 00	531 4.76
66.3			3 2.7 5.	2.		7.75	.438	•	m
193.2			2 4.6 8.	;	*	12.66	.375	. 00	126 4.61
-			4.6 8.	5 4.3	9	12.59	.375	•	
			1 5.2 8.	•	-	14.53	. 438		531 6.43
			3 5.2 8.	5.	60.6	14.59	.438		•
203.6			6 4.6 8.	-	60.6	15.66	.375	. 00	959
504.6	9	6 204.	6 4.5 8.		9.25	12.59	.375	. 00	.4 469
273.0	9	9	0 5.2 8.		2	14.53	.438	. 00	
278.1		0 278.	1 5.2 9.	5	3	14.66	.438	. 00	.9 959
74.4		4 74.	4 2.7 5.		9.63	7.88	.500	. 00	
285.0	6	9 285.	0 5.2 9.	3.	9	14.59	.438	. 00	9
288.3	1	7 288.	3 5.3 9.		9.72	14.72	438	. 00	9
212.6	4.3 212	3 212.	6 4.5		9.75		.375	. 00	
102		102					223		

0.1563 - 5/32 in.

			SECT TON	HOUGEOS							MEB	A LA	No.	SHEA
OMINAL S	SIZE	4	ZPL	ZFL	INERTIA	œ	4	YF	AREA		THICK	=	THICK	ARE
.438/	.656T	N	31.7	54.3	-	2.5	9.4	5.5	=	14.66	.438	6.00	•656	6.4
.438/	•	6	31.9	56.7	300.8	5.5	9.4	5.3	10.28	14.59	.438	0	.594	6.4
.375/	•	35.39	24.2	58.6	220.5	*.*		1	10.41	12.66	.375	9.00	.656	4.8
.438/	•	10	32.2	57.5	307.4	5.5	9.5	5.3		14.72	.438	6.00	.719	6.5
.438/	•		32.4	60.5	312.8	5.5	9.6	2.5	10.72	14.66	.438	7.00	.656	4.9
-438/	•	36.99	32.5	62.4	315.0	2.5	4.6		10.88	14.59	.438	8.00	165.	9.9
.563/	ä	N	14.2	35.6	82.9	2.7	5.8	2.3	10.94	8.00	.563	7.00	1.000	4.5
.500/	•	37.30	40.3	56.3	393.1	5.8	8.6		10.97	16.59	.500	5.00	.594	8.3
.438/		37.94		64.3	324.3	5.5	9.6		11.16	14.72	.438	7.00	.719	6.9
-500/	•	38.35		59.3	408.0	5.8	6.6	0		16.66	.500	5.00	.656	
438/	•	38.69	33.0	9.99	327.3	5.5	6.6	6	11.36	14.66	.438	8.00	.656	4.9
-500/		39.30			418.5	5.8	10.1	~	10	16.59	.500	6-00	.594	8.3
.500/	•	39.41	41.8	62.5	422.6	5.9	10.1		-	16.72	.500	5.00	.719	
.438/	•	39.85	26.8	9.49	243.9		6		11.72	12.72	.438	9.00	.719	
.438/		40.39	33.6	71.0	339.0	5.5	10.1		-	14.72	.438	8-00	.719	6.52
.5007	•	40.60	42.3		434.8		.0	15	-	16.66	.500	6.00	.656	
1005.	•	41.34	42.6	69.3	441.5	6.6		*	_	16.59	50	7.00	.594	
1529	_	.0	15.5		91.6	2.7	3			8.13	.625	7.00	1.125	
2007	•	-		70.3	450.5	6.6	:		-	16.72	50	6.00	.719	
.500/	•	42.09	43.4		456.9	6.6		5	12.38	16.88	50	5.00	.675	8.52
438/	•	-	27.1	70.3	251.9	4.4	9.3	9		12.72	.438	10.00	.719	
2007	.656T	42.81	43.3		458.8	6.6	0	6.2	12.59	16.66	50	7.00	.656	
138/	•	42.81	34.1	17.7	352.4	5.1	10.3	5		14.72	43	9.00	.719	6.52
200	•	44.30	44.1		4.524	6.5	10.8	6.1	-	16.72	.500	7.00	.719	8.44
2007	•	45.05	44.7	19.4	487.2	6.5		-	13.25	16.88	.500	6.00	.875	8.52
200	•	45.05	44.3	:	4.00.6	6.6	:			16.66	.500	8.00	•656	
438/	•	45.25	34.5	84.2	364.3	5.1		m	-	14.72	.438	10.00	.719	6.52
/889	_	46.10	16.8	41.8	10001	2.7				8.25	.688	7.00	1.250	
2007	•	46.75	45.0	85.8	498.0	6.5			13.75	16.72	.500	8.00	.719	4.0
2007	.656T	47.29	45.0	87.8	9.005	5.8	11.1	2.1	-	16.66	.500	9.00	.656	
.563/	•	47.80	55.0	80.7	615.4	4.9	11.2	9	-	16.66	.563	6-00	.656	
2005	•	48.04	45.7		514.0	6.6			14.13	16.88	.500	2.00	.875	8.5
.563/	.719T	49.10	26.0	85.0	636.9	6.5	11.4	2	14.44	18.72	.563	6.00	.719	
.500/	•	49.20	45.8	93.4	518.3	5.8		2	14.47	16.72	.500	9.00	.719	
2007	.87	51.00		97.8	537.8	5.8	11.5	2	-	16.88	.500	8.00	.875	
.563/	.72	51.54	-	93.7	6.179	6.5		7.2	-	18.72	.563	7.00	.719	10.6
.5007	.71	51.65		101.0	536.9	5.8	•		7	16.72	.500	10.00	.719	9.4
.563/	. 65	62.29	57.7	1.96	2.619	6.5	-	2:0	15.38	18.66	.563	8.00	959.	10.5
-500/	.87	53.55		98.4	418.0		-	4.2	15.75	14.88	.500	10.00	.875	
.5007	.87	53.99		90	559.1	5.8	11.8	2.5		16.88	.500	9.00	.875	8.5
.563/	.71	53.99		02.	703.8		12.0	6.9	15.88	18.72	.563	8.00	.719	0
.563/	. 65	54.50		104.6		6.5	12.0	9.9	0	18.66	.563	9.00	.656	
.563/	1.00	54.84		03.			12.1		16.13	19.00	.563	6.00	0	0
.563/		55.25	6	105.7	10		12.2		-		.563	7.00	87	10.7
-														

0.1563 - 5/32 in.

.156 IN. PLATE (AREA= .73 SQ.IN.)

										020		200	00000
		SECTION	HODOLO	•						MED	47.	MOE	SHEAK
NOMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	~	4	YF	AREA	DEPTH	THICK	WIDTH	THICK	AREA
.500/ .875T	56.95	48.0	115.8	578.2	5.8	12.0	5.0	16.75	16.88	.500	10.00	.875	8.52
.5637 .719T	58.85	2.09	119.6	760.1	6.5	12.5	4.9	17.31	18.72	.563	10.00	.719	10.63
.563/1.000T	61.64	65.5	126.7	801.4	6.5	12.8	6.3	18.13	19.00	.563	8.00	1.000	10.78
.563/ .875T	67.15	63.7	146.6	845.7	4.9	13.3	5.8	19.75	18.88	.563	11.00	.875	10.72
.563/1.000T	99.99	4.49	149.7	862.9	4.9	13.4	2.8	20.13	19.00	.563	10.00	1.000	10.78
.563/ .8757	70.14	64.5	156.5	4.698	4.9	13.5	9.6	20.63	18.88	.563	12.00	.875	10.72
.625/1.1257	72.69	69.8	152.6	923.3	6.5	13.2	6.1	21.38	19.13	.625	9.00	1.125	12.05
1578. 1888.	75.85	91.7	161.5	1288.6	7.5	14.1	0.0	22.31	21.88	.688	9.00	.875	15.16
1578. 1889.	78.95	93.2	173.6	1336.6	7.5	14.3	7.7	23.19	21.88	.688	10.00	.875	15.16
.688/1.1257	19.70	94.5	174.5	1366.3	7.5	14.5	7.8	23.44	22.13	.688	8.00	1.125	15.33
1576. 1889.	81.80	94.6	105.6	1381.1	7.5	14.6	1:4	24.06	21.88	.688	11.00	.875	15.16
.688/1.1257	83.50	96.3	189.5	1423.1	7.5	14.8	7.5	24.56	22.13	.688	9.00	1.125	15.33
.688/ .875T	84.90	6.56	197.5	1422.7	1.4	14.8	7.2	24.94	21.88	.688	12.00	.875	15.16
.688/1.1257	87.35	6.16	204.4	1475.0	7.5	15.1	7.2	55.69	22.13	.688	10.00	1.125	15.33
.688/ .875T	87.75	97.1	20602	1461.4	7.4	15.1	7.0	25.81	21.88	.688	13.00	.875	15.16
1578. 1027.	96.95	124.2	212.3	1961.4	8.4	15.8	9.2	26.75	24.88	.750	10-00	.875	18.78
.750/1.1257	91.80	125.7	213.5	2000.6	8.5	15.9	9.4	27.00	25.13	.750	8.00	1.125	18.96
.750/ .875T	93.94	126.2	225.9	2027.0	8.5	16.1	9.0	27.63	24.88	.750	11.00	.875	18.78
.750/1.1257	49.56	128.2	230.8	2084.5	8.5	16.3	9.0	28.13	25.13	.750	9.00	1.125	18.96
.750/ .875T	96.90	128.0	239.6	2068.8	8.5	16.3	8.7	28.50	24.88	.750	12.00	.875	18.78
.750/1.125T	99.45	130.5	248.1	2162.2	8.5	16.6	0.7	28.25	25.13	.750	10.00	1.125	18.96
.750/ .875T	68.66	129.6	253.5	2147.2	8.4	16.6	8.5	29.38	24.88	.750	13.00	.075	18.78
.688/1-1257	102.65	102.6	263.4	1645.3	7.3	16.0	6.2	30.19	22.13	.688	14.00	1.125	15.33
.688/1-1257	106.45	103.5	277.8	1680.5	7.2	16.2	6.0	31.31	22.13	.688	15.00	1.125	15.33
.750/1.125T	107.10	134.3	282.5	2301.2	9.4	17.1		31.50	25.13	.750	12.00	1-125	18.96
.750/1.125T	110.94	135.9	599.6	2363.8	8.4	17.4	1.9	32.63	25.13	.750	13.00	1.125	18.96
.875/1.500T	126.24	185.9	337.3	3435.1	9.5	18.5	10.2	37.13	28.50	.875	9.00	1.500	25.07
.875/1.375T	127.09	185.8	343.3	3440.8	9.6	19.5	10.0	37.38	28.38	.875	10.00	1.375	24.97
.875/1.125T	130.05	186.4	362.4	3481.6	9.5	18.7	9.6	38.25	28.13	.875	13.00	1.125	24.75
.875/1.500T	131.34	189.3	362.7	3563.7	9.6	18.8	8.6	38.63	28.50	.875	10-00	1.500	25.07
.875/1.375T	131.75	188.8	366.9	3556.6	9.5	18.8	4.6	38.75	28.38	.875	11.00	1.375	24.97
.875/1.125T	133.89	188.6	381.9	3571.2	4.6	18.9	4.6	39.38	28-13	.875	14.00	1.125	24.75
.875/1.125T	137.70	190.7	401.0	3655.6	9.4	19.2	9.1	40.50	28.13	.875	15.00	1.125	24.75
.875/1.500T	146.64	197.2	438.1	3896.9	4.6	19.8	8.9	43.13	28.50	.875	13-00	1.500	25.07
30X10X1.000/1.375T	148.75	246.0	412.7	4861-1	10.5	19.8	11.8	43.75	31.38	1.000	10.00	1.375	31.54
30X10X1.000/1.500T	153.00	250.6	434.6	5031.4	10.5	20.1	11.6	45.00	31.50	1.000	10-00	1.500	31.66
30X11X1.000/1.375T	153.44	250.1	439.1	5025.3	10.5	20.1	11.4	45.13	31.38	1.000	11.00	1.375	31.54
30 X1 0X1 . 000 / 1 . 750T		0											

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SHEAR	AREA	. 42	.55	• 65	99.	• 65	-85	1.02	1.03	1.22	1.21	.85	1.22	1.03	1.22	1.41	1.87	1.66	1.89	2.12	1.87	1.91	2.14	2.12	2.16	1.64	2.14	1.89	1.66	2.16	*1.7	1.66	2.16	2.99	1.91	3.01	3.31	2.16	5.99	3.03	3.33	3.31	3.05	3.35	3.33
			.188								.250	.313	.313	.313	.313	.430	.313	.438	.375	.313	.313	.438	.375	.313	.438	.375	.375	.375	899	954.		429	.438	.375	.438	.438	.375	.438	.375	.500	.438	.375	.563	.500	.438
FLANGE	HIDIM	2.00	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	3.00	00-7	3.00	4.00	4.00	3.00	3.00	3.00	3-00	3.00	4.00	3.00	3.00	4.00	3.00	25.00	4.00	2.00	2.00	3		6.00	5.00	00 -4	6.00	4.00	4.00	6-00	2.00	4.00		2.00	4.00	*.00	2.00
ME8	THICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188		.188	.186	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	052.	0220	250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	. 313	.313	. 313
	DEPTH	3.19	4.19	3.25	3.31	3.25	4.31	5.25	5.31	6.31	6.25	4.31	6.31	5.31	6.31	2.44	7.31	9.44		8.31	7.31	7.44	6.38	8.31	9.44	6.38	8.38	7.38	9.0		9.30		9.44	9.38	7.44	9.44		9.44	9.38	9.50	10.44	10.38	9.56	10.50	10.44
	AREA	.75	.88	1.06	1.19	1.31	1.38	1.44	1.56	1.75	1.88	2.00	5.06	2.19	2.38	2.56	5.69		2.88	5.94	3.00	3.06		3.25		3.38	3.50	3.63	3.69	3.75	200		.19	4.31	4.38	4.56	4.63	4.63	4.69	4.81		2.00			5.31
	YF	2.3	5.9	2.2	2.1	1.9	2.7	3.3	3.2	3.8	3.6	2.1	3.4	5.6	3.1	2.7	3.9		•	3:	3.6	3.7	4.3	4.1	4.2	2.8		3.2	9.2	2.6	•	2.4	3.5	4.5	2.8	4.3	2.0	3.3	4.2	4.2		4:1	;	:	4.5
	4	1.1	1.5	1.3	1.4	1.5	1.8	2.1	2.3	2.7	6.5	2.3	3.1	5.9	3.4	5.9	3.6	3.4	3.8			3.9	4.3	4.4		3.6	4.6	*	•				5.1	5.1	4.8	5.3	9.6	2.4	2.4	5.5	9.8	6.6	2.1	6.0	6.1
	œ	1.4	1.7	1.4	1.4	1.5	1.8	2.2	2.2	5.6	5.6	1.9	2.7	2.3	2.7	2.3	3.0		3.0		3.0		3.4	3.4	3.4	2.7	3.4	3.1	1.2	2.5		2.7	3.5	3.7	3.0	3.7		3.4	3.7	3.8	;	4:1	3.8	;	£:1
	INERTIA	3.3	6.6	0.4	4.6		8.3	11.7	13.0	19.1	50.6	11.4	22.8	17.7	25.8	19.3	33.3	28.0	36.1	44.5	37.3	38.6	48.1	49.8	51.4	32.0	53.8	44.3	34.3	-	20.0	36.6	62.7	3	5005	78.1	92.7	67.0	19.8	82.7	1.86	100.8	87.1	104.3	107.3
MODULUS	2FL	1.4	2.0	1.9	2.2	5.6	3.1	3.5	4.0	5.1	5.8	5.3	6.7	9.9	8.3	7.1	8.5	8.8	9.5	10.1	10.3	10.5	11.2	15.1	12.3	11.6	13.6	13.8	13.0	15.1	10.1	15.0	17.9	16.4	17.8	18.0	18.7	9.02	19.0	19.6	50.5	21.6	21.3	4.22	23.9
EC			4.1						5.7	7.0	7.1	6.4	7.4	2.9	7.6	9.9	9.3		9.6	•	9.6	8.6	11.2		11.5	8.6	11.6	•	9.0	11.9	10.0		12.2	14.4	10.6	14.8	16.5	12.5	14.8	15.1	17.0	17.1	•	17.3	•
	HT/FT	55.2	5.99	3.60	4.05	4.45	69.4	4.90	2	6						-	9.15	.5														16.04										17.00			18.05
	N	•	•			•					•		.313T	.313T	.313T	.438T	.3131	.438T	.375T	.313T	. 31.3T	.438T	.375T	. 31.3T	.438T	.375T	.375T	1575	1859.	2757	1676	F 63.8T	.438T	.375T	.438T	.438T	.375T	.438T	.375T	. 500T	.438T	.375F	. 5631	.500T	.4381
	SI	15	.125/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	.188/	1052"	1052.	.250/	.250/	.250/	.250/	.250/	.250/	.2507	.2501	1052.	.250/	1052.	10620	1062.	2500	.250/	.250/	.313/	1052.	3	3	2	3	3	.313/	.313/	.313/	.313/	.313/
	NON	2X	2	2×	×	3×	2X	×	2×	2×	3	×	8x 3x		X4 X9				7X 3X					8× 4×			×	X 5X				6x 6x									X4 X			× 4×	

	ANGE SHEAR THICK AREA		) M	.580 3.35	.500 2.41	.438 3.33	.500 3.03	.563 3.36	.563 2.42	.500 3.35	.500 3.03	.469 4.75	.563 2.74	.563 3.36	.500 3.35	.531 4.77	54.69 4.75	20 6 26 2	91 1 195		.531 4.77	.563 3.05	.469 4.75			<b>~</b> .	20.0 050		.594 4.79	.531 4.77		9	.594 4.79	.551 6.45	. 656 L. R.	.594 4.79	.531 6.45	.656 6.50	.675 4.03		.719 6.53	
	-	213	313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375		212	.375	.375	.313	.375	.375	.313	.375	175	.438	.375	.375	.430	.375	.375	954.	175	.375	438	.438	.500	.438	.438	175
	DEPTH	18.56	9.4	10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	12.47	9.56	10.56	10.50	12.53	12.47	16.59	10.56	12.66	12.53	9.56	12.47	12.59	10.56	12.53	12.00	7.69	12.59	12.53	7.75	15.66	12.59	14.53	12.66	12.59	14.53	14.66	7.88	14.59	14.72	12.66
	AREA	S. 38	2.66	5.63	69.5	5.75	5 5.81	76.5	5 6.13	6.13	6.31	8 6.38	14.9 6	9 6.50	9 6.63	6.63	9.9	000	7.06	7.13	1 7.16	7.31	1 7.31	7.47	7.63	7.69	2.20	7.88	90.9	8.22	8.31	9.44	8.66				9.31	1 9.41	5 9.63	69.6	9.72	9.75
	*	3	3		2.6	4.2	3.6	4.2	2.5	;	3.6	5.6	5.5	3.9	3.6	5.6					5.3	3.1	5.1	2.5	3.6			2.5	*		2.5		•	•			9	6.1	2.9	5.9	6.0	4.2
2.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$	6.3	2.0	6.3	5.1	4.9	6.1	6.5	5.5	9.9	6.3	6.9	5.9	6.8	6.9	7.1	7.2	::	7.5	7.6	7.4	6.7	7.5	7.6	7.3	7.7		5.3	7.9	8.0	5.5	8.1	8.5			8.5	8.7	8.8	5.6	8.9	6.9	8.7
4.5 5 5.84 10.5 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5	~	-	3.7	1.4	3.0	7:	3.7	4:1	6.2	;	3.7	4.7	3.3	4:1	4:1	1:	:				4.7	3.6	*:			•		2.9	4.0	4.7	2.8	4:0	2:	2.0	1.1	1.4	5.4	5.4	2.8	5.4	5.4	4.7
7	-	189.6	91.0	113.4	58.9	114.7	96.1	119.1	61.8	121.2	101.4	162.3	95.4	127.1	127.9	170.5	175.9	17003	111.0	185.7	184.8	1111.0	187.8	193.3	140.1	197.4	******	73.2	206.3	208.6	76.0	214.9	217.9	2000	226.8	228.1	297.8	303.3	84.6	311.0	314.5	237.2
1871A R YP YF AREA DEPTH 1189.6 6.1 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.0 5.0 1.	MODULU	24.1	24.1	26.1	22.5	27.2	56.5	28.3	24.6	29.9	29.8	28.2	58.5	35.5	33.6	30.3	32.4	36.4	36.6	36.3	35.0	36.2	36.5	37.5		39.7	1	28.8	42.7	44.3	30.6	45.6	8.7.		51.2	52.9	49.5	49.9	34.2	53.0	52.8	56.8
DULUS           CF.1         TAREA         PF	SECT ION ZPL	17.7	15.6	17.9	11.6	17.9	15.9	18.2	11.8	18.3	16.1	23.5	14.0	18.6	18.6	24.1	24.3		18.0	25.0	24.9	16.6	25.0	25.3	19.5	52.5	25.5	13.7	26.0	26.0	13.9	56.4	5.92	25.5	26.9	27.0	34.2	34.6	15.1	34.9	35.2	27.4
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SECTION MODULUS  17.7 Zet. INENTIA R		1563T	. 63.8T	.500T	.500T	-438T	.500T	.563T	. 563T	.500T	-500T	1694.																														
E NIT/FT ZPL ZPL INCRITA R YP YF AREA DEPTH TO THE SECTION MODULUS R YP A T	NAL S.	313/	313/	.313/	.313/	.313/	.313/	.313/	.313/		•														•									•						•	•	
SECTION MODULUS  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31  13.5 - 56.31	INO	K.	, X9	2	×	¥9	8×9	2X	×	¥9	×	**	×	8×	×	×	X4.	**		3	28	*	×9	2×	×	2x 6x	7 2	*	×9	*	*	× 1	*	2 3		×	¥9	2×	X.	× 9	2	×

	AR	AREA	20	6.47	82	53	.50	6.47	19	39	53	42	20	39	45	65	.53	745	39	20	45	.53	99	745	.53	54.	53	245	53			24	10.0	249	5	53	19	45	19	.53	.53	19	19	. 80		
	SHEAD	4	•	•	•	.9	•	•	;	•	•		•	•	•	5.	•	•	•	5	•	•	5	•	•	•	•	•	•		•						10.	•	10.		•	10.	:	:	10.	10.
*******	ANGE	THICK	9690	.594	.656	.719	•656	.594	1.000	.594	.719	•656	.656	.594	.719	.719	.719	959.	.594	1.125	.719	.875	.719	.656	.719	.719	.675	•656	.719	1.250	.719	.656		710	719	.875	.719	.719	.656	.875	.075	.719	•656	1.00	.875	.719
	FLA	HIOIM	6.00	7.00	9.00	6.00	7.00	00.0	7.00	5.00	7.00	5.00	8.00	6-00	5.00	9.80	8.00	6.00	7.00	7-00	6.00	2.00	10-00	7-00	9.00	7.00	6.00	8-00	10.00	2.00	8-80	9-00	200		9.00	9.00	7.00	10-00	8.00	10.00	9.00	8.00	9-00	6.00	7.00	9.00
DIMENSIONS	WE8	THICK	.438	.438	.375	.438	.438	.438	.563	.500	.438	.500	.438	.500	.500	.438	.438	.500	.500	• 625	.500	.500	.438	.500	.438	.500	.500	.500	.438	.688	. 200	.200	200	26.2	200	. 500	.563	.500	.563	.500	.500	. 563	.563	.563	.563	.563
*** BEAY		DEPTH	14.66	14.59	12.66	14.72	14.66	14.59	8.00	16.59	14.72	16.66	14.66	16.59	16.72	12.72	14.72	16.66	10	8.13	•	•	-	.0	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	10.00	18.72	16.72		~	~	9			18.72	18.66	19.00	18.88	18.72
******		AREA	10.06	10.28	3	10.44	1	10.88	6	6	7	11.28	11.38	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.38	12.44	15.59	15.59	13.03	13.25	13.25	13.31	13.56	13.75	13.91	14.	14.44	16.67	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13	16.25	5
		4 F	5.7	5.6	4.0	5.6	5.4	5.3	2.5	7.2	5.3	7.1	5.2	6.9	7.0	4.0	2.0	6.6	9.9	5.5	6.7	6.8	3.8	6.5		6.3	4.9	6.2	9.4	5.5		•					7.4		7.3	4.5	5.5	7.1	7.0	7.2	7.1	
		4 P	9.1	9.5	8.9	9.3	9.6	9.6	5.7	9.5	9.6	4.6	1.6	6.6		6.9	6.6	0	10.2	5.8	10.2	10.3	9.1	10.4	10.1	10.6	10.7	10.6	10.3	5.9	10.9	10.9			11.1	11.3	11.5	11.4	11.6	10.6	11.6	11.8	11.9	11.9	12.0	12.1
		œ	5.4	5.4	4.6	5.4	5.4	5.4	2.8	5.9	5.4	6.0	5.4	6.0	9.9	4.6	5.4	9.0	9.0	2.8	9.0	9.0	4.5	9.0	5.3	9.9	6.1	9.0		2.8	9.0	0.0	9.0		9	6.0	9.9	6.0	9.9	5.5	0.9	6.7		2.9		6.7
		INERTIA	323.7	328.5	246.3	335.7	341.8	344.3	93.4	422.7	354.4	438.8	357.9	450.2	454.4	269.7	370.9	467.8	475.1	102.5	484.8	491.5	278.9	493.8	385.8	511.8	•	517.5	399.1	111.9	536.4	539.3	654.6	677.5	558.6	579.6	714.9	578.9	723.3	454.5	602.9	749.0	3.	771.7	772.3	780.4
	MODULUS	ZFL	56.4	58.9	62.2	59.8	65.9	6.49	37.7	58.3	6.99	61.5	69.2	65.1	64.7	67.4	73.7	68.9	71.7	40.6	72.8	72.6	73.3	76.2	80.7	80.8	82.2	83.5	87.5		2.99	90.0	200	87.7	96.6	101.1	96.6	104.4	1.66	102.0	110.5	105.4	107.8	106.5	108.9	3
	SECT ION	ZPL	35.5	35.7	27.7	36.1	36.3	36.4	16.4	***	36.9	45.2	37.0	45.7	46.0	30.3	37.5	46.5	46.8	17.7	47.3	47.7	30.6	47.6	38.1	4.8.4	49.1	48.6	38.6	19.0	5.65	4.64	23.0	2000	50.5	51.1	62.1	6.05	62.4	42.8	51.9	63.5	63.6	9.49	64.5	9.49
		FT	34.20	34.95	35.39	35.50	36.45	36.99	37.28	37.30	37.94	38.35	36.69	39.30	39.41	39.85	40.39	40.60	41.34	41.65	41.85	45.09	42.30	42.81	42.81	44.30	45.05	45.05	45.25	46.10	46.75	62.24	20.44		02.64	51.00	51.54	51.65	52.29	53.55	53.99	53.99	54.50	54.84	55.25	56.41
		32	.656T	1465.	.656T	.719T	.656T	1465.	.000T	59	17	69	.656T	. 594T	.719T	7917.	.719T	.656T					2		.7197			65			.719T	.6561	.0201	7101	7197	.875T	71	.7197	.656T	.875T	.875T	.719T	.656T	.000T	.875T	17
		OMINAL SIZE					438/	438/	563/1	2007	438/	2007	438/		200%			2005	1005.	.625/1	1005	1005-	.438/	1005.	.438/	. 2007	1005	2005	.438/	.688/1	1005		2007	263/	.5007	2007			.563/					-	.563/	
		-				14X 6X					×		14X 8X		16X 5X			X9	X	×	×9	×	×	×	×	16X 7X	×	×	14×10×	X 7X	16x 8x	16x 9x	164 94	18 KY	16 x 91	16x 8x	18X 7X	16X10X	18X 8X	14X10X	16x 9x	18× 8×	18x 9x	18x 6x	18X 7X	×

.166 IN. PLATE (AREA: 1.05 SQ.IN.)

SHEAR	AREA	8.53	10.64	10.80	10.74	10.80	10.74	12.07	15.18	15.18	15.35	15.18	15.35	15.18	15.35	15.18	18.80	18.99	18.80	18.99	18.80	18.99	18.80	15.35	15.35	18.99	18.99	25.10	25.00	24.78	25.10	25.00	24.78	24.78	25.10	31.57	31.69	31.57
NGE	THICK	.875	.719	1.000	.875	1.000	.875	1.125	.875	.875	1.125	.875	1.125	.875	1.125	.875	. 875	1.125	.875	1.125	.875	1.125	.875	1-125	1.125	1.125	1.125	1.500	1.375	1.125	1.500	1.375	1.125	1-125	1.500	1.375	1.500	1.375
FLANGE	HIOIM	10.00	10.00	8.00	11.00	10.00	12.00	9-00	9.00	10-00	8.00	11.00	9.00	12.00	10-00	13.00	10.00	8.00	11.00	9.00	15-00	10-00	13-00	14.00	15.00	12.00	13.00	00.6	10.00	13,00	10.00	11.00	14.00	15.00	13.00	10.00	10.00	11.00
MEB	THICK	.500	.563	.563	.563	.563	.563	.625	.688	.688	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.750	.688	.688	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000
	DEPTH	16.88	18.72	19.00	18.88	19.00	18.88	19.13	21.88	21.88	22.13	21.88	22.13	21.88	22.13	21.88	24.88	25.13	24.88	25.13	24.88	25.13	24.88	22.13	22.13	25.13	25.13	28.50	28.38	28.13	28.50	28.38	28.13	28.13	28.50	31.38	31.50	31.38
		16.75		16.13	19.75	20.13	20.63	21.38	22.31	23.19	23.44	24.06	24.56	54.94	55.69	25.81	56.75	27.00	27.63	28.13	28.50	29.25	29.38	30.19	31.31	31.50	32.63	37.13	37.38	38.25	38.63	38.75	39.38	40.50	43.13	43.75	45.00	45.13
	YF	5.5	9.9	6.9	6.0	6.0	5.6	6.2	8.2	7.9	8.0	7.6	7.7	7.4	7:4	7.8	9.4	9.6	9.5	9.5	8.9	8.9	9.6	6.4	6.2	8.3	9.1	10.3	10.2	9.6	10.0	9.6	9.5	9.3	9.0	11.9	11.7	11.6
	d.	11.9	12.3	12.6	13.1	13.2	13.3	13.1	13.9	14.2	14.3	14.4	14.6	14.7	14.9	14.9	15.6	15.8	15.9	16.1	16.2	16.4	16.4	15.9	16.1	17.0	17.3	18.3	18.4	18.6	18.7	18.7	18.8	19.1	19.6	19.6	20.0	20.0
	ď	6.6	9.9	2.9	9.9	9.9	6.5	9.9	1.6	9.2	1.6	1.6	1.6	1.6	1.6	1.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	1.4	1.4	9.8	8.5	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.5	10.5	10.6	10.6
	INERTIA	623.8	809.5	853.3	901.3	919.5	9.936	978.7	1351.1	1401.6	1432.4	1448.5	1492.2	1492.4	1546.9	1533.1	2040.5	2081.0	2108.8	2168.3	2173.3	5549.4	2234.3	1727.0	1764.2	2394.5	5459.9	3543.7	3549.9	3592.6	3676.6	3669.6	3685.3	3772.6	4021.3	4-5864	5159.9	5154.0
MODOL US	ZFL	119.7	123.1	130.5	150.9	154.1	161.0	156.8	165.3	177.6	178.6	189.9	193.9	202.0	209.1	214.0	216.5	217.9	230.4	235.4	244.3	253.1	258.4	269.3	284.1	287.9	305.4	342.8	348.8	368.1	368.5	372.7	387.9	407.2	444.9	418.2	4.0.4	6.444
SECTION	ZPL	52.6	9.59	67.5	68.8	9.69	9.69	74.8	97.2	6.86	100.2	100.3	102.0	101.7	103.7	102.9	130.4	132.0	132.5	134.6	134.4	136.9	136.1	108.6	109.5	140.8	145.5	193.1	193.0	193.6	196.5	196.0	195.9	198.0	204.7	253.8	258.4	557.9
	•	56.95	58.85	61.64	67.15	68.44	70.14	72.69	75.85	78.85	19.70	81.80	83.50	84.80	87.35			91.80	93.94	95.64	96.90	99.45	69.66				2	9	2	130.02	-	31.		137.70	146.64	148.75		153.44
	S	.500/ .875T	563/ .719T	.563/1.000T	.563/ .875T		.563/ .875T			.688/ .875T		.6887 .875T	.688/1.125T	.688/ .875T	.688/1-125T		.750/ .875T	750/1.1257	.750/ .875T	750/1-1257	. 7507 .875T	.750/1.1257	.7507 .875T	.688/1.1257	.688/1-125T	.750/1.1257	.750/1-125T	.875/1.500T	.875/1.3757	.875/1.125T	.875/1.500T	.875/1.375T	.875/1-125T	.875/1.125T	.875/1.500T	30x10x1.000/1.375T	30x10x1.000/1.500T	.000/1.375T
	-	6X10X	XO.	18X 8X	18X11X	18X10X	12X	X6	X6	_	×	11X	21x 9x				XO1	×	11X				3×			×	13x								27X13X	0×10×1	0×10×1	0X11X1

0.1875 - 3/16 in.

7/32

77 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8		11			7	N
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4.7       5.63       10.50       313       7.0         1       4.6       5.69       7.50       313       7.0         4.6       5.94       10.50       313       7.0         4.6       6.13       10.50       313       7.0         2.6       6.13       10.50       313       7.0         3.7       6.31       10.50       313       7.0         5.6       10.50       313       7.0       7.0         6.7       10.50       313       7.0       7.0         6.6       10.50       313       7.0       7.0         6.7       10.50       313       7.0       7.0         7.8       10.50       313       7.0       7.0         8.6       10.50       313       7.0       7.0         9.6       10.50       313       7.0       7.0         1       10.50       313       7.0       7.0         1       10.50       313       7.0       7.0         1       10.50       313       7.0       7.0         1       10.50       313       7.0       7.0         1       10.50		ਲਿਕ (ਹੁਲਾ ਕਾਲਾ ਹਾਰਾ ਦਿਲਾ (ਹਰਾ ਹਾਰ ਦਿਲ) ਨਾਨਾ ਦਾ ਹਾਨ। 4 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 .		7.3 127.3 127.5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 27.3 127. 2 28.4 129. 3 29.6 134. 2 29.6 136. 2 29.4 115. 2 29.4 115. 2 29.4 115. 0 33.9 143. 0 35.1 116. 1 33.9 143. 1 33.8 197. 2 28.1 152. 4 38.2 152.	21.2 27.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 127.3 12
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4 5.3 7.69 12.53 .375 6.0 5 5.4 7.78 12.66 .375 5.0 2 2.8 7.88 7.69 .438 7.0 7 5.2 8.06 12.59 .375 6.0 7 5.0 8.22 12.53 .375 7.0 6 6 7 8.31 7.75 .438 7.0	7.5 4.5 7.5 7.5 7.5 7.5	*		641 9.2	.7 42.6 159.	
5 5.4 7.78 12.66 .375 5.0 5 5.2 7.78 12.47 .375 7.0 2 2.8 7.88 7.69 .478 7.0 7 5.2 8.06 12.59 .375 6.0 7 5.0 8.22 12.53 .438 7.0 5.0 8.44 12.66 .375 6.0	7.5 5	•		1.3 219.	.4 41.3 219.	15 29.4 41.3 219.
2 2.8 7.88 7.69 .438 7.0 7 5.2 8.06 12.59 .438 7.0 7 5.0 8.22 12.53 .375 7.0 3 2.1 8.31 7.75 .438 7.0 6 5.0 8.44 12.56 .375 5.0	(.,	<b>;</b> .		1.7 223.	.7 41.7 223.	29.7 41.7 223.
7 5.2 6.06 12.59 .375 6.0 7 5.0 6.22 12.59 .375 6.0 3 2.1 6.31 7.75 .436 7.0		* *	.022	22 4.2	22 4.54 4.	22 4.54 4.62 64
7 5.0 6.22 12.53 375 7.0 32 2.1 6.43 7.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	2 2 6 6	• •	2000	2.0	2000 20	2.06 2.01 6.00
3 2.7 8.31 7.75 .438 7.0	7.7	9	231	6.2	10 66.2 23	30.0 46.2
9 5.0 8.44 12.66 .375 6.0	5.3 2	.8 3.	86	2.2	.4 32.2 8	25 16.4 32.2 8
****	7.9 5	. 6	238	5 23	.4 47.5 23	70 30.4 47.5 23
9 4.9 8.66 12.59 .375 7.0	7.9 4	*	42	9.8 242	.5 49.8 242	44 30.5 49.8 242
1 6.6 8.78 14.53 .438 5.0	8.1	9 5.	304.	5.9 304	.6 45.9 304	35 37.6 45.9 304
3 6.5 9.09 14.59 .438 5.0	8.3	3 5.	-	8.9 318	.3 48.9 318	31 38.3 48.9 318
1 4.7 9.09 12.66 .375 7.0	8.1	7 4.	252	3.4	.0 53.4	31 31.0 53.4
2 4.6 9.25 12.59 .375 6.0	8.2	2 4.	254.	5.1 254.	.0 55.1 254.	45 31.0 55.1 254.
4 6.3 9.31 14.53 .438 6.0	4.8	5.	25.	1.5 325.	.6 51.5 325.	65 38.6 51.5 325.
5 6.4 9.41 14.66 .438 5.0	8.5	5.	331.4	1.9 331.	.0 51.9 331.	.99 39.0 51.9 331.
4 2.7 9.63 7.88 .500 7.0	5.4	2.	96.0	6.0 96.	.7 36.0 96.	.74 17.7 36.0 96.
6.2 9.69 14.59 .438 6.0	9.6	2	340.	5.1 340.	.4 55.1 340.	.95 39.4 55.1 340.
7 6.3 9 72 14.72 488 6.0				36	20 24	70 6 54 0 34
0.0 0.0 31.11 31.0 0.00 1	•			500	******	# 21 C C C C C C C C C C C C C C C C C C
neo cice 90.71 cie cen ne	4.0	4.0	197	3.6	3.6	15 31.5 59.6 61
.4 2.8 9.94 8.00 .563 6.0	2 4.		100	5.3 10	.6 35.3 10	18.6 35.3 10

.219 IN. PLATE (AREA= 1.44 SQ.IN.)

00000	SHEAR	AREA	6.52	6.49	4.83	6.54	6.52	6.49	9.	*	6.54			8.40		5.67		8.44		5.22		8.55			•		•	6.54					8.5	10.66	•	10.66		0	.5	.5	9.0		:	-	
	5	THICK	.656	₹86.	969.	.719	.656	66	00	.594	11		65	59	11	11	17	969.	*65*	1.125	.719	.875	.719	•656	.719	.719	610.	219	1.250	.719	•656	• 656	.875	.719	5	2119	.719	.656	.875	18	2	65	2.000	87	.719
L	5	-	0	0	-	6.00	8	8-00	0	5.00	0	0	0	0	5.00	9.00	8.00	6.00	-	7.00	0	-	10.00	2.00	9.00	7.00	0000	10.00	7.00	0	9.00	6.00	2.00	9.00	000	7.00	10.00	8.00	10.00	9.00	8.00	9-60	6.00	7.00	
0 :	MED	THICK	.438	.438	.375	.438	.438	.438	.563	.500	.438	.500		.500	.500	.438	43	.500	50	. 625	.500	.500	.438	.500	.438	.500	2 0	004.	68	50	.500	.563	.500	56	2 5	.563	50	56	50	50	56	56	56	.563	.563
** BEAN	1	-	4.6	.5	2.6	14.72	14.66	5	0		4.7		9	6.5	-	12.72	4.7	.0	6.5	-	6.7	-	-	.0	-	16.72		16.72		6.7	9.9	9.8	6.8	8.7		18.72	6.7	8.6	4.0		~	9			~
******	-	AR		2	3		-	80	10.94	6	7	~	m	5	5	~		5	-	12.25	3	2	*	R.	5	13.03	,	VM		-		0	-		\$ 0	15.16	-	m	~			0		~	16.59
	1					5.9				7.5				7.2	7.3			7.1	6.9	2.7	6.9				5.1	9.9		4.5								7.7			4.7	5.7	7.4	7.3	7.5	7.3	7.1
		d A	8.8	8.9		0.6		9.2		9.3		4.6	•			8.7			6.6		10.0		8.9	10.1	6	10.3	;	10.4	5.8					10.9	;	11.3	::	11.4		-	1.	11.6	11.7	11.7	11.9
	•	œ	5.5	5.5	4.8	9.6	5.5	5.5	5.9	6.1	9.6				6.1		5.5		6.1					6.2					2.9			6.7				200		6.8			9.9				6.8
		INERTIA	354.1	359.5	275.2	367.4	374.3	377.2	105.3	456.1	388.3	3	392.3	in		298.9	406.8	505.0	513.1	114.8	523.4	:		3		553.0		438.6	124.6	580.0	583.3	2.669	598.6	723.8	****	763.9	626.7	773.1	496.3	6259		805.8	824.6	2.	834.6
311	<u>.</u>	74Z	8.7	1.2		2.2	5.3		~	2	9.6	3	-	67.4	67.1		76.6	71.4	74.3	43.0	2.	15.2	.9	8		83.6			9		3	85.9	;	•		9.66	08.	2	05.	114.3	.80	11.	.60	2	•
	SECTION	74Z	0.04	40.2	31.9	40.7	6.04	41.0	18.9	49.2	41.5	50.1	-					51.5						52.7			24.5	43.6	21.6	54.6	24.7	65.1	52.5	2.99	20.00	67.8	56.3	68.1		57.3					
		4	2	6	2	.5	3	6	2		6				3.	00				9						m .		- 0	-	~	~			(		51.54	2	2	.5	6.	6.	.5		2.	*
	;		.658T	1465.	.656T	.719T	.656T	1465.	:	. 59	7.1		65	59	7.1	1617.	7	.656T	1965.	.12	.719T	.875T	.719T	1959.	191	191		7197	. 25	.71	.656T	.6561	.8751	7	7 6	7191	12	65	87	87	.719T	.656T	. 00	.875T	.719T
		AL SIZE	438/	438/	375/	438/	438/	438/	563/1	2007	438/	2007	438/	2007	2007	438/	438/	2007	2007	625/1	2007	2007	438/	2005	438/	2005	1000	438/	688/1	2007	2007	263/	2007	563/		563/	2007			2007	1895	563/	56	263/	263/
		NIHO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	×	×	×	× :	× >	•	. ×	×	×	×	×	× :	× :			X X	×	×	×	×	×	. x9	7× .	. x6
		Z														12X						16×	2X1	16x	×	× 9		6×1	×	¥9.	. 6x	8 ×	2 × 9	18X	× 0	18X	-	8×	4X1	16X 9	X 8	8 ×	8×	8 ×	×

NOMINAL STZF			2000	0						ME8	FLA	NGE	SHEAR
,,,,,	WT/FT	ZPL	ZFL	INERTIA	ď	Y.	YF	AREA	DEPTH	THICK	HIOIH	THICK	ARE
1578. 1002.		58.1	123.8	676.0	6.1	11.6	5.5	16.75	16.88	.500	10.00	.875	8.55
.563/ .719T	58.85	71.5	126.9	866.0	6.8	12.1	6.8	17.31	18.72	.563	10-00	.719	10.66
563/1.000T		73.4	134.5	912.8	9.9	12.4	6.8	18.13	19.00	.563	8.00	1.000	10.82
.563/ .875T	67.15	6.42	155.4	965.1	1.9	12.9	6.2	19.75	18.88	.563	11.00	.875	10.7
563/1.000T	68.44	75.6	158.8	984.7	8.9	13.0	6.2	20.13	19.00	.563	10.00	1.000	10.82
563/ .875T	70.14	15.7	165.9	992.9	1.9	13.1	9.0	20.63	18.88	.563	12.00	.875	10.7
.625/1.125T	72.69	80.9	161.4	1042.5	6.8	12.9	6.5	21.38	19.13	.625	9.00	1.125	12.0
.688/ .875T	75.85	103.9	169.5	1423.2	7.7	13.7	4.8	22.31	21.88	.688	9.00	.875	15.21
1878. 1889·	78.85	105.6	182.1	1476.7	7.7	14.0	8.1	23.19	21.88	.688	10.00	.875	15.21
.688/1.1257	79.70	106.9	183.2	1508.8	7.8	14.1	8.2	23.44	22.13	.688	9.00	1.125	15.31
1678. 1889.	81.80	107.1	194.6	1526.5	7.7	14.3	7.8	54.06	21.88	.688	11.00	.875	15.20
.688/1.1257		108.9	198.8	1572.2	7.8	14.4	7.9	24.56	22.13	.688	9.00	1.125	15.3
1678. 1888.		108.5	207.0	1573.1	7.7	14.5	7.6	54.94	21.68	.688	12.00	.875	15.21
.688/1.125T	-	110.6	214.3	1630.3	7.8	14.7	7.6	69.52	22.13	.688	10.00	1.125	15.38
.688/ .8757		109.8	219.2	1616.3	7.7	14.7		25.81	21.88	.688	13-00	.875	15.20
.7507 .875T		137.9	221.3	2132.2	8.7	15.5	9.6	26.75	24.88	.750	10-00	.875	18.82
.750/1.125T		139.5	222.7	2174.1	8.7	15.6		27.00	25.13	.750	8.00	1.125	19.01
1578. \021.		140.0	235.4	2203.8	8.7	15.7	4.6	27.63	24.88	.750	11.00	.875	10.8
.750/1.125T	95.64	142.2	240.6	2265.6	9.8	15.9	4.6	28.13	25.13	.750	8.00	1.125	19.01
.7507 .875T	96.90	145.0	549.6	2271.3	8.7	16.0	7	28.50	24.88	.750	12-00	.875	18.82
.750/1.125T	54.66	144.6	258.5	2350.6	8.8	16.3	.1	29.25	25.13	.750	10.00	1.125	19.01
.750/ .875T	68.66	143.7	263.9	2335.4	8.7	16.2	8.8	29.38	24.88	.750	13.00	.875	18.82
.688/1.125T	102.65	115.7	275.9	1821.9	1.6	15.7	9.9	30.19	22.13	.688	14.00	1.125	15.38
.688/1.1257	106.45	116.7	291.0	1861.6	7.5	16.0	4.9	31.31	22.13	.688	15.00	1.125	15.3
.750/1.125T	107.10	148.7	294.0	2503.1	1.6	16.8	8.5	31.50	25.13	.750	12.00	1.125	19.01
.750/1.1257		150.4	311.8	2571.9	8.7	17.1	8.2	35.63	25.13	.750	13-00	1.125	19.01
.875/1.500T		201.7	348.9	3670.4	9.8	18.2	10.5	37.13	28.50	.875	9.00	1.500	25.13
875/1-3757		201.6	355.1	3677.2	4.6	18.2	10.4	37.38	28.38	.875	10.00	1.375	25.02
.875/1.1257		202.2	374.6	3722.3	4.6	18.4	6.6	38.25	28.13	.875	13.00	1.125	24.81
875/1.500T	131.34	202	375.0	3808.4	4.6	18.6	10.2	38.63	28.50	.875	10-00	1.500	25.13
.875/1.375T		204.7	379.2	3001.5	4.6	18.6	10.0	38.75	28.38	.875	11.00	1.375	25.02
875/1.125T		204.5	394.6	3818.6	4.6	18.7	1.6	39.38	28.13	.875	14.00	1.125	24.81
.875/1.125T		206.7	414.3	3909.4	4.1	18.9	4.6	40.50	28.13	.875	15-00	1.125	24.8
.875/1.500T		213.5	452.6	4166.8	4.6	19.5	9.5	43.13	28.50	.875	13.00	1.500	25.1
30X10X1.000/1.375T		263.0	454.5	5130.9	10.7	19.5	15.1	43.75	31.38	1.000	10-00	1.375	31.60
30x10x1.000/1.500T		267.7	447.0	5310.3	10.7	19.8	11.9	45.00	31.50	1.000	10-00	1.500	31.7
30x11X1.000/1.375T	153.44	267.2	451.5	5304.5	10.7	19.9	11.7	45.13	31.38	1.00	11.00	1.176	31.6
									000				

0.2188 - 7/32 in.

SECTION MODULA	W N	**************************************	> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A	F H H W M M M M M M M M M M M M M M M M M		Z 	
MI/FT     ZPL       MI/FT     ZPL       Z. 95     4.08       MI     4.05       MI     4.05       MI     4.05       MI     4.05       MI     4.05       MI     4.09       MI     4.09       MI     4.09       MI     5.30       MI     6.30       MI     <			น ค ค ค ค ค ค ค ค ค ค ค ค ค ค ค ค ค ค ค	W. 80 4 M M 4 W F 8 8 0 4 M W 8 8 8 8 8 9 0 0 0				
7. 2.55	**************************************	* + + + + + + + + + + + + + + + + + + +	งที่ถึงเกิดตัวสังวัดตัดสังวัดรับ อาจางสุของทอบสอสอองทุกสุข					
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11.05 16.8 13. 11.25 17.0 13. 11.49 17.2 14. 12.34 15.2 14. 12.55 13.1 14.		~ ·		•	8.38	.250	3.00	.313
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12.75 17.6 1		2.9 3.	5 3.2	3.69	6.44	.250	2.00	.438
	1 4	3.6 4.			8.44	.250	4- 00	.438
13.19 17.7 1		3.6 4.	3 4.4		8.38	.250	2.00	.375
13.40 15.5 1	2	3.3 4.	0	3.94	7.44	.250	2.00	.438
-	3	2.9 3.	7 3.	4.13	9.44	.250	6.00	.438
14.25 18.1 1	3	3.7 4.	5 4.2	4.19	8.44	.250	2.00	.438
14.65 20.4 17.		3.6 4.	5	4.31	9.38	.313	4.00	.375
14.89 15.8 19.	3	3.3 4.	2 3.5	4.38	7.44	.250	6.00	.438
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15.74 23.2 20.	3	4.2 5.		4.63	10.38	.313	0	.375
15.74 18.4 22.	3		8 3.	4.63	8.44	.250	6.00	.438
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16.59 23.7	3	2	2	4.88	10.44	.313	4.00	.438
00 23.9 23.	2		3 5.4	5.00	10.38	.313	5.00	.375
17.20 21.8 23.	1		3		9.56	.313	00-5	.563
17.44 24.2 24.	3	•		-	10.50	.313	4.00	.500
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SHEAR	AREA	3.38	3.03	35.36	2.43					***	3.	3.	;	2.	m	3	3	•	•	2		4	3	3.	;	;	3.	;	;	;	'n		;	÷.	•		• •				•	•	;	6.5	•	;	4.64
	THICK	.563	.438	.500	.500	. 438	200	263	2000	. 200	.500	.500	694.	.563	.563	.500	.531	699	.594	.625	.563	.656	.531	.563	.469	.594	.563	.531	.656	.469	.688	.594	.531	.750	.656	.594	.531		•656	*66.	.531	. 656	.875	.594	.719	969.	1.000
FLA	MIDIM	4-00	6.00	5.00	7.00	6-00	9	8		2000	6- 00	7.00	4.00	7.00	6-00	7.00	4-00	5.00	00-7	7.00		4.00	5-80	8-00	6.00	2.00	8-00	6-00	2.00	7.00	2.00	9	2.00	2.00	9-90	200	2.00	2000	200	9-60		2.00	7-00	6.00	2.00		6.00
MEB.	THICK	.313	.313	2112	.313	313	313	212		0700	.313	.313	.375	.313	31	31	37	37	37	37	31	37	.375	31	.375	37	.313	.375	.375	.375	.438	.375	.375	.438	.375	.375	. 438	000	.375	.375	.438	.438	.500	.438	.438	.375	.563
	_	10.56		-	7.50		9.50	10.56	L		10.50	9.50	12.47	8.56	10.56	10.50	12.53	12.47	T.	7.63	L		12.53	9.56	12.47	12.59	10.56	12.53	0		7.69	10	1	7.75			14.53			12.59	-	14.66	7.88	14.59		9	00.9
	AREA	5.38	5.44	5.63		-	00		:	•				9449	6.50	9					0	-		M	7.31	*	9.		-			9.00	2	8.31		•	0.70	? '	-			3			~	9.75	
	4	2.5	*:	5.0	3.2	6.4		-							4.6	6.5	6.3	6.1	6.2	3.0		6.1	6.0	3.7	5.8	5.8	1:1	9.6	2.1	5.5	3.0	5.5	2.4	5.0	2.0	2.5	2		2.1		6.7	2.9	6.2	6.5	9.0		3.0
	YP	5.6	5.3	5.7	4.6	5.8	5.5	2.0			9.0	2.5	6.3	5.3	6.2	6.3	6.5	9.9	6.7	6.4	6.5	8.9	8.9	6.1	6.9	7.0	6.7	7.1	7.2	7.2	2.0	7.3	*	5.1		9:			5:					8.3	•	8.1	5.5
	œ	4.4	4.0	4-4	3.2	4-4	4.0	4-4		3 .	* . *		6.4	3.6	4.4	4.4	6.4			3.1	4.4	5.0			5.0			5.0	5.1	2.0	3.1	5.1	2.0	3.1	2.1	2.1	2.0	2.0	2.1	2.0	2.6	2.1	3.1	2.1	2.1	2.0	3.1
	INERTIA	137.4	115.8		77.		122.8						197.2	107.6	161.4	162.7	207.4	214.4	217.3	88.0	171.1	226.6	225.8	144.1	229.8	236.5	179.9	242.1		243.6	94.4	253.5	256.7	96.3			332.3			2.292		361.6	00	371.1	15.	294.2	112.3
MODULUS	ZFL	26.2	26.1	28.3	24.5	29.5	28.7	30.7	26.8		32.4	32.3	30.6	31.1	35.2	36.4	32.9	35.1	35.1	29.5	39.7	37.2	37.9	39.3	39.5	40.6	44.2	45.9	43.3	44.0	31.6	46.2	6.24	33.7	* 6 *	51.7	2.7.	20.0	22.5	2.76	53.4	53.9	37.7	57.1	6.95	61.4	36.9
SECTION	ZPL	24.7	22.0	24.9	16.9	25.0	22.4	25.4	17.2	1	52.5	8.22	31.4	20.1	25.9	25.9	32.1	32.4	32.7	18.1	26.3	33.2	33.1	23.4	33.3	33.7	26.7	33.9	34.2	33.9	19.1	34.5	34.6	19.3	35.0	25.65	45.5		35.1	35.6	43.7	44.1	50.6	44.5		36.2	
	I/FT	8.29	9.50	3.14	9.35	9.55	9.75	0.20			1.84	1.45	1.69	1.90	2.10	2.54	2.54	3.26	3.39	3.80	00	4.24	4.34	-3	•	r	n	ம	•	•	9		-		ю	J (	29.62	Э (	Э,	-	-	-	N	N	<b>M</b>	•	m
	ZE	. 563T	.438T	-500T	.500T	-438T	.500T	56.3T	12 95 T	1000	.5001	.500T	1694.	. 563T	.563T	-500T	.531T	1694.	1465.	. 625T	. 563T	.656T	.531T	. 563T	T694.	. 594T	. 563T	.531T	.656T	1694·	.6381	1965.	.5311	1057.	19591	1466.	.5311	1466.	1929	1466.	.5311	.656T	.8751	1965.	.719T	.656T	.000T
	INAL SIZE	.313/	.313/	.313/	.313/	.313/	.313/	-	/2 12	;;	. 313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.375/	.438/	.375/	.375/	.438/	.375/	1616	1000	1000		.375	.438/	.438/	. 5007	.438/	.438/	.375/	.563/1
	z			10X 5X	7X 7X		X9 X6						2X 4X		X9 X0	XZ X0								X9 X6	12x 6x				12X 5X			2x 6x					4X 5X							14× 6×		2x 8x	×9

.250 IN. PLATE (AREA= 1.88 SQ.IN.)

SHEAR	AREA	6.53	6.50	4.84	9.26	6.53	6.50	4.64	8.42	95.9	8.46			8.49		9.56		24-9			5.68	8.46	6.56	8.49	8.57	9.46	9.20	8.69	9.46	10.65		10.68	8		001	18.65	7.57	8.57	10.68	10.65	10.84	10.77	10.68
	THICK	.656	165.	9690	.719	.656		1.00	.594	.719	.656	.656	.594	.719	.719	.719	.656	.594	1.125	. A75	.719	.656	.719	.719	.875	.656		719	.656	.656	.875	.719	.719		110	.656	.875	.875	.719	969.	1.000	.875	.719
	_	-	-	9-00	-	7.00	8-00	7.00	-	7.00	-	8.00		2.00			0	0	9 6	20.0		7.00	0	-	0	0	9		0	0	0	6.00	9.00	00.0		8.00	0	9-00	8-00	0	6.00	0	0
MEB	THICK	.438	.438	.375	.438	.438	.438	. 563	.500	.438	.500	.438	.500	0	.438	.436	. 500	.500	420.	. 500	438	. 500	.438	.500	.500	.500	. 430		.500	. 563	.500	.563	. 500	.500	200	.563	.500	.500	.563	.563	.563	.563	. 563
	EPT	14.66		5.6	14.72	.0	4.5	9.00	Š	-	9.	9.	10	16.72	-	-	9	n .	-		12.72		14.72	-			-	16.72	. 0			18.72	-						-	8.6	0	8.8	8.7
	œ		2	10.41	*	-	9.0	10.94		11.16	2	m	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.44	12.59	12.59	13.03	13.25	13.25	13.31	13.75	13.91	14.06	14.13	14.44	31	2.0	15.10	2.4	2	5.8		6.0		2.	
	46		6.2			9.9	5.9	2.8	7.9	5.9	7.7	5.8	7.5	7.6	4.5	2.6	4.	7.5	2.0	2.4		7.1	5.4	6.9	7.0	9.9	2.1	6.5	6.5	9.4	9.9	8.3	6.3				6	6.0			7.8		7.4
	4	9.5	9.6		8.7		6.9		9.0	9.1	9.5	9.1		9.3												:		18.4	:		:	10.7	:		: -	: :		:	-	:	1:	11.5	11.6
	œ	2.1	2.5	2,0	2.5	2.5		3.0	2.9	2.5	2.9		2.9	6.3					3.0		6.		2.1	6.3	4.9	6.3		200		6.9	4.9	6.9	9.3	9.9			5.5						
	INERTIA		393.0	306.5				118.2			511.0	459.7	524.7	529.4	•	445.8	545.5	554.4	126.5	577.1	342.7	9.925	464.8	598.1	612.6	605.1	491.0	13001	631.4	748.0	6.7.9	774.5	654.6	679.5	679.4	827.9	542.3	708.0	857.6	863.2	882.9	884.2	. 46
HODOLUS	ZFL	80.09	63.4	67.3	64.5	67.7	8.69	41.6	62.7	72.0	66.0	74.5	8.69	69.5	12.8	19.4	73.9	8.91	1001	77.0	79.2	81.6	86.8	96.4	88.0	69.3	1.4.	96.0	97.1	88.7	2.86	93.4	103.2	108.2	111.6	106.0	109.6	18.	12.	14.	113.4	15.	-
SECT ION	2PL	45.2	45.5	36.7	45.9	7.94	46.3	21.9	54.8	6.94	55.7	2	•	9.99	39.5	47.7	57.3	57.6	79.5	58.7	39.6	58.6	48.3	59.5	2.09	59.7	0 .	9.09				72.5									77.0		77.1
	•	•		•	•	•		•	•	•			•	39.41	•			•				2	2	÷	3			46.75			•		•							•			
	32		1965.	.656T	1617.	.656T	•	•	. 59 4T	.719T	.656T	.656T	1965.	.719T	.719T	.719T	.656T	•	•	8751	7191	.656T	.719T	.719T	.875T	.656T	•	7617	.656T	.656T	.875T	.7197	1617	2	7191	65	15 78°	10	.719T	.656T		.875T	-
	NAL SI	438/	438/	.375/	438/	138/	438/	563/1	2007	438/	2007	438/	2005	2005	438/	438/	2007	1005	1/679	2006	438/	2007	438/	2007	2007	2005	430	2000	2007	563/	2007	563/	2005	1004	2007	563/	2005	2007	.563/	.563/	. 563/1	563/	.563/
	OMIN	. ×9	×	×6	· Xq	×	×	. X	x 5x .	× 7x .	× 5x .	. 8x .	x 6x	x 5x .	. x6 x	× 8 ×	. xe x	× ;		XX	X10X	X	. x6 x	× 7×	x 6x	× 8 ×		. ×	×	. x9	×	. x9	× 5	× ×		×	×	. x6	. ×	. x6	ex e	×.	. x6
		14	*	15	3	3	3	2	16)	14)	16	14	16	16	12	14	16	10	-	1	12	16)	14	16	16	16	-	16X	16)	18	16	18	16	9	2	18	15	16	18	18	18)	18	18

S	SECTION	MODULUS						DEAN		WEB FLA	FLANGE	SHEAR
11		ZFL	INERTIA	œ	YP	YF	AREA	DEPTH	THICK	WIDTH	THICK	AREA
	4.	128.0	733.	6.3	11.4	2.1	16.75	16.88	.500	10-00	.875	8.57
85	2	130.7	958.5	7.0	11.9	7.1	17.31	18.72	.563	10.00	.719	10.68
99	80.3	138.7	978.7	7.0	12.2	7.1	18.13	19.00	.563	8.00	1.000	10.84
15		160.1	1036.1		12.7	6.5	19.75	18.88	.563	11-00	.875	10.77
44		163.6	1057.1	6.9	12.8	6.5		19.00	.563	10-00	1.000	10.84
*1		170.9	1066.4		12.9	6.2	20.63	18.88	.563	12.00	.875	10.77
	87.8	166.2	1113.5	6.9	15.7	6.7	21.38	19.13	.625	9.00	1.125	12.11
	111.5	174.0	1503.6	6.7	13.5	8.6	m	21.88	.688	9.00	.875	15.23
	113.3	186.8	1560.6	6.7	13.8	9.4	23.19	21.88	.688	10.00	.875	15.23
20	114.7	188.0	1594.2	6.2	13.9	8.5	23.44	22.13	.688	8.00	1.125	15.40
80	114.9	199.6	1613.6	7.9	14.0	8.1	24.06	21.88	.688	11.00	.875	15.23
20	116.7	204.0	1661.7	7.9	14.2	8.1	54.56	22.13	.688	9.00	1-125	15.40
80	116.4	212.3	1663.3		14.3	7.8	54.94	21.88	.688	12.00	.875	15.23
35	118.6	219.8	1723.5	7.9	14.5	7.8	55.69	22.13	.688	10-00	1.125	15.40
15	117.7	254.7	1709.4	1.9	14.5	7.6	-	21.68	.688	13.00	.875	15.23
96	146.5	226.4	2235.0	8.8	15.3	6.6	26.75	24.88	.750	10-00	.875	18.85
90	148.1	227.9	2278.5	8.9	15.4	10.0	27.00	25.13	.750	8.00	1.125	19.04
16	148.7	240.8	2310.2	8.8	15.5	9.6	27.63	24.88	.750	11.00	.875	18.85
49	151.0	246.1	2374.7	8.9	15.7	9.7		25.13	.750	9.00	1.125	19.04
06	150.7	2552	2381.4	6.9	15.8	9.3	28.50	24.88	.750	12.00	.875	18.85
45	153.5	564.4	2464.3		16.1	9.3	~	25.13	.750	10-00	1.125	19.04
	152.6	269.8	2449.1		16.1	9.1	2	24.88	.750	13.00	.875	18.85
65	123.9	282.8	1928.6	7.8	15.6		30.19	22.13	.688	14-00	1.125	15.40
42	125.0	298.3	1971.2		15.8	9.9	31.31	22.13	.688	15.00	1.125	15.40
10	157.7	0	2625.2	8.9	16.6	8.7	31.50	25.13	.750	12-00	1.125	19.04
	159.5	318.7	2698.0		16.9	8.5	32.63	25.13	.750	13-00	1.125	19.04
42	211.5	355.6	3813.4		18.0	10.7	37.13	28.50	.875	9.00	1.500	25.16
	211.5	361.6	3820.9		18.1	10.6	37.38	28.38	.875	10-00	1.375	50.62
	1.212	361.6			18.2	10.1	38.25	28.13	.875	13.00	1.125	24.83
	215.1	382.1	3957.2	6.6	18.4	10.4	38.63	28.50	.875	10-00	1.500	25.16
	214.6	386.4	3950.6		18.4			28.38	.875	11.00	1.375	25.05
	214.5	401.9	3969.3		18.5	6.6		28.13	.875	14.00	1.125	24.83
	216.8	421.9	4064.0	9.6	18.7	9.6	40.50	28.13	.875	15.00	1.125	24.83
	223.8	461.0	4331.5		19.4	9.4	43.13	28.50	.875	13.00	1.500	25.16
75	273.6	431.4	5295.6	10.8	19.4	12.3	43.75	31.38	1.000	10-00	1.375	31.63
00	278.4	454.3	5480.7		19.7	12.1	45.00	31.50	1.000	10.00	1.500	31.75
	278.0	458.8	5475.1	10.8	19.7	11.9	45.13	31.38	1.000	11.00	1.375	31.63
. 50	287.3	498.7	5833.5	10.9	20.3	11.7	47.50	31.75	1.000	10.00	1.750	32.00
			0.2500	- 1/4	10.							

SHEAR	AREA	.43	.56	99.	99.	99.	98.	1.04	1.05	-	-		1.24	1.05	1.24	1.43	1.90	1.68	1.92	2.15	1.90	1.93	2.17	2.15	2.18	1.67	2.17	1.92	1.68	2.18	10.1	1.68	2.18		1.93	3.04		2.18		3.06	3.36	3.34	3.08	3.37	3.36
LANGE	THICK	.188	.188	.250	.313	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.438	.313	.438	.375	.313	.313	.438	.375	.313	.430	.375	.375	.375	.438	. 438	47.5	638	.438	.375	.438	.438	.375	.438	.375	.500	.438	.375	.563	.500	.438
4	HIDIM	2-00	2.00	2.00	2.00	3.00	2.00	2.00				4.00			00-4			3-00	3.00		0	-	0	8	3.00	2-00	4.00	2.00			20.00	90.99	5.00	0	6.00	4.00		6.00		4.00	0	2.00		4.00	
MEB	THICK	.125	.125	.188	.188	.188	.188	.188	.100	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	250	250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	. 313	.313	.313
•	DEPTH	3.19	4.19	3.25	3.31	3.25	4.31	5.25	5.31	6.31	6.25	4.31	6.31	5.31	6.31	5.44	7.31	9.44		8.31	7.31				4		8.38	7.38		•	7.44						10.38		9.38				9.56		
	AREA	.75	. 88	1.06	1.19	1.31	1.38	4	1.56	1.75	1.88	2.00	5.06	-	2	.5	5.69				0		-				3.50				2000	6.13	4.19	4.31	4.38	4.56	4.63	4.63	69.4	4.81			2.06		-
	AF	2.7			5.6				4:0	4.6	4.5	5.9	4.3	3.5		3.5		4.1	4.7	5.4	4.6	4.6			2.5	•		7.4	3.5			M	6.5	5.5	3.8	5.3	6.0						5.1		5.5
	YP	~	1.0		1.0	1:1	1.3			2.0	2.1	1.7	2.3		5.5			2.7	5.9	3.2	3.0	3.1	3.4	3.5	3.5		3.7					3.6		4.2	3.9	*:	4.6	4.5	4.5	4.6	6.4	4.9	4.7	5.1	5.5
	œ	1.2	1.5	1.2	1.3	1.4	1.7	2.0	2.1	2.5	5.6	1.9	2.7	2.4	2.8	2.4	3.0	2.8	3.1	3.4	3.1	3.2	3.5	3.5		2.8	3.6	3.3	6.2	3.7		2.9	3.7	3.9	3.3	3.9	4.2	3.7	4.0	6.9	4.3	4.3	0.4	4.5	4.4
	INERTIA				6.2			15.5		25.8		16.4	31.6	19.62	36.7	4.72	45.8	39.5	50.1	:	55.5	54.1	•		71.5	•		3.	:	:	000	55.0		:	74.8		•	:	:	14.	2		121.7	143.6	148.3
SO TOOOH	ZFL	1.5	2.2	2.0	2.4	2.8	3.4	3.6	*:	5.6	6.3	5.8	7.3	7.4	9.1	7.9	9.5	9.7	10.6	11.3	11.4	11.7	15.5	13.5	13.8	15.8	15.1	15.3	14.4	10.9	17.9	16.8	19.9	18.4	19.8	:	21.0	2	:	22.0	23.0	24.3	23.9	25.1	26.8
SECT ION	ZPL	5.8	7.8	6.1		6.5	9.8	10.5	10.9	13.2	13.5	9.6	13.9	11.9	14.4	12.3	16.6	14.9	17.1	19.3	17.3	17.5	19.8	20.0	20.3	15.4	20.5	18.2	15.8	21.0	18.6	16.0	21.5	24.1	18.9	24.6	27.2	21.9	54.8	25.2	27.8	28.0	55.6	28.4	28.6
	/FT	. 55	66.	.60	4.05	3.					6.39		7.00		8.09	8.70		9.55		10.00			10.64	11.05	11.25	11.49	11.90		12.55	12.13	13.40			14.65			15.74	-	6				17.20		
	32	.188T	-188T	.250T	.3131	.250T	.313T	.250T	.313T	.313T	.250T	.313T	.313T	.313T	. 31.3T	.438T	. 31 3T	.438T	.3751	.3131	.313T	.438T	.375T	. 31 3T	.438T	.375T	.375T	.3751	-438T	3 5	- 57 51 51 5 TAT	638T	13	.375T	.438T	.4381	.375T	.438T	.3751	.500T	-438T	.375T	.563T	.500T	43
	NAL SI	.125/	.125/	.188/	188/	.188/	.188/	188/	.188/	.188/	.188/	.188/	.188/														.2507			1067	2501	2507	7052		.250/		.313/			.313/		.313/	31	.313/	31
	NON	×	×2	2×	2×	3×	×	2×	×2	2X	3×	×		×	×	3	×	×	×	3×	*	3×	3×	×	3	28	3	5 X	×	* *	7X 5X	, ×9					X4 X0		1X 5X			0x 5x	3		S

	Š									3 2.	3.	-	.4 6	3 2.	3.	3.	;		3	2.97	m	;				4.8									;	4.9	6.5	;	4.8	•	•	;	9	6 6.57	;	
*****	ANGE	2	.56	.43	.50	.50	.43	.50	.56	.56	.50	.50	94.	.56	.563	.50	.53	94.	. 59	-62	.56	• 65	.53	.56	94.	. 59	• 56	.53	.65	94.	.68	.23	75	.65	. 59	.53	.59	.65	. 59	.53	.65	.87	.59	.71	.65	
* 5	7	HIDIM	4.00	6.00	5.00	7.00	6.00	6.00	5-00	7.00	6.00	7.00	4.00	7.00				•		7.00		4.00			6.00	2.00	8.00	6.00	2.00	2.00	200-7	200	7.00	6-00	7.00		:	7.00	0	0	2.00	7.00	0	5.00	8.00	
DIMENSION		THICK	.313	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375	.438	2375	. F.3A	375	.375	.438	.438	.375	.375	.438	.438	.500	.438	.438	.375	667
**** BEAY		DEPTH	0.5	9.44	10.50	7.50	10.44	9.50	10.56	3	10.50		12.47		0.5	:	12.53	15.47	2.5	1.6	10.56	12.66	12.53	G	5.4	.5	0.5		2	•	9.0	12.59	7.7	9	.5	.5	.5		12.59	14.53		7.88	.5	14.72		
****		AREA	5.38	5.44	5.63	69.5	5.75	5.81	2.94			6.31			.5	.6	9			-	1.06	7.13	7.16	7.31	7.31	7.47	7.63	1.69	7.78	7.78	2.88	9.00	A. 31	8.4	8.66		-	60.6	2		9.41	9.		-	-	C
		YF	5.6		5.4	3.4	5.3	4.6	2.5	3.3	5.1	* . 4	6.9	3.8	6.4		6.7	6.5	6.5	3.3	4:1	4.9	6.3	;	6.2	6.2	*:	9.0	9.0	2.9	3.2	2.0	3.5	5.7	5.5	7.3	7.2	5.4	5.3	7.0	7.1	3.1	6.9	6.9	5.1	
		YP	5.5	5.0	5.4	4.3	5.5		2.6	4.5	2.1	5.4		5.1		6.0	6.1	6.3	6.3	4.6	2.9			5.9	9.9	2.9	9.4	9.9	6.9	6.9		2.	10	7.2	7.3		7.7	7.5			1.9				7.8	
		œ	4.4	4.1	* . *	3.3	4.4	4.1	4.5	3.3	4.5	1:1	5.0	3.7	4.5	4.5	2.0	2.0	5.1	3.2	4.5	5.1	5.1	4:1	5.1	5.1	4.5	5.1	2.5	5.1	3.2	2.5	2.2	2.5	5.5	2.5	5.7	2.5	5.5	2.1	5.8	3.2	5.8	5.8	5.5	
		INERTIA	151.6		-		-		4	92.2	170.1	145.4	215.4	120.8	179.4	181.0	8-922	234.8	237.9	99.0	190.7					259.5		265.9			105.8		J C	: :		:		309.4			393.3	121.3	404.0		325.4	
	MODULUS	ZFL	27.1	27.0	29.3	25.3	30.4	59.6	31.8	27.7	33.5	33.4	31.7	32.1	36.4	37.6	34.0	36.3	36.4	30.2	41.0	38.5	39.5	40.6	6.04	45.9	1.5.1	4.4.		45.5	32.8		35.0	51.1	53.5	49.3	52.5	57.4	59.1	55.5	2	39.3	69.0	58.9		
	SECTION	ZPL	58.9	55.9	29.5	20.1	29.3	26.4	29.7	50.4	29.8	26.8	36.2	23.8	30.3	30.3	36.9	•		21.3		38.2	38.1	57.6	38.3			39.0	39.4	39.0	22.3	39.7	22.6	40.3	40.4	48.2	49.1	41.0	41.0	4.64	6	23.9		9.05	41.6	36
		/FT	18.29	18.50	19.14	19.35	19.55	19.75	20.20	20.84	20.94	21.45	21.69	21.90	22.10	15.22	55.54	23.26	23.39	23.80	24.00	54.54	24.34	24.85	54.85	25.40	52.94	26.15	26.45	56.45	26.79	27.06	28.25	28.70	29.44	29.85	30.91	30.91	31.45	31.65	31.99	32.74	32.95	33.05	33.15	22 00
		SIZE	. 563F	.438T	.500T	.500T	.438T	.500T	.563T	.563T	.500T	.500T	1694·	.563F	. 563T	.500T	.531T	1694.	1465.	·625T	.5631	.656T	.531T	.5631	1694·	1965.	. 5631	.531T	.656T	1694	16881	1966.	7501	.656T	1965.	.531T	1465.	.656T	. 594T	. 531T	.656T	.875T	. 594T	.719T	.656T	1000
		A P.	313	.313/	.313/	31	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.375/	.438/	275	1884	375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	2000	.438/	.438/	.375/	667/
		-	**	¥9						7X XX																						**	7X 7X													

	~	•		-	2	1		1	9	,		1	,			6	~	1		9			6		1			2	1	~	•								9				9	9	6	
	SHEAL	AREA	6.5	6.51	4.8	6.57	6.54	6.5	4.6	4.0	6.5	8.4	6.5	8.4	8.5	5.6	6.5	9.4	9.4	5.2	8.5	8.5	5.6		6.5	8.5	8.5	4.0	6.5	2.0	•		10.0		8.5		10.7	8.5	10.6		8.5	10.7		10.8		
*******	NGE	THICK	969.	165.	•656	.719	9699	165.	1.000	.594	.719	.656	.656	.594	.719	.719	.719	.656	.594	1.125	.719	.875	.719	.656	.719	.719	.875	.656	.719	1.250	.719	.656	. 070	710	.719	.875	.719	.719	•656	.875	.875	.719	.656	1.000	.875	.719
	FLA	-	6-00	7.00	9.00	6.00	7.00	8.00	7.00	5.00	7.00	5.00	8.00	6.00	5.00	9.00	8.00	6.00	7.00	7.00	6.00	5.00	10.00	7.00	9.00	7.00	6.00	00-9	10.00	7.00	8.00	9.00	200	200	9-00	0.00	7.00	10.00	8.00	10.00	9.00	8-00	9.00	6.00	7.00	9.00
	WEB	THICK	.438	.438	.375	.438	.438	.438	. 563	.500	.438	.500	.438	.500	.500	.438	.438	.500	.500	.625	.500	.500	.438	.500	.438	.500	.500	.500	.438	.688	.500	.500	200	2000	.500	.500	.563	.500	.563	.500	.500	.563	.563	.563	.563	.563
*** BEAN		DEPTH	14.66	14.59	12.66	14.72	14.66	14.59	8.00	16.59	14.72	16.66	14.66	16.59	16.72	12.72	14.72	16.66	16.59	8.13	16.72	16.88	12.72	16.66	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	10.00	10.00	16.72	16.88	18.72	16.72	18.66	14.88	16.88	18.72	18.66	19.00	18.88	18.72
******		RE	10.06	10.28	10.41	10.44	10.72	10.88	10.94	10.97	11.16	11.28	11.38	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.38	12.44	12.59	12.59	13.03	13.25	13.25	13.31	13.56	13.75	13.91	14.00		16.67	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13		16.59
		46	6.7	6.5	4.9	9.9	6.4	6.3	3.0	8.2	6.2	8.1	6.1	7.9	8.0	4.8	5.9	7.7	7.5	3.0	7.6	7.7	4.6	7.4	5.7	7.2	7.3	7.1	5.4	3.0	6.9				6.7	6.6	8.3	4.9	8.1	5.2	6.3	8.0	7.8	8.1	7.9	
		4	8.2	8.3	8.1	8.4	9.6	9.0	5.5	8.7	8.8	6.0	8.8	0.6	9.0	8.2	9.1	9.5	9.3	5.4	4.6	9.5	8.4		9.3	9.6	6.6	9.6	9.6	5.5	10.1	10.1	10.5	7	10.3	10.6	10.7	10.6	10.8	6.6	10.9	11.0	11.1	11.2	11.2	11.3
		œ	5.8	5.8	2.5	5.8	5.8	5.8	3.1	6.3	5.9	4.9	5.8	4.9	6.4	5.1	5.8	4.9	9.9	3.1	4.9	6.5	5.1	6.5	5.8	6.5	6.5	6.5	2.8	3.1	6.5	6.5			6.5	6.5	7.1	6.5	7.1	5.7	6.5	7:1	7.1	7.2	7.1	7.1
		INERTIA	421.4	458.4	339.5	437.8	446.6	450.6	132.0	530.5	464.1	550.9	4.694	566.0	571.0	364.4	487.5	588.7	598.6	142.8	610.6	518.7	376.3	6529	508.9	646.3	662.1	654.2	528.2	153.8	679.0	683.3	2000	820.2	708.8	736.0	876.1	736.2	887.1	592.1	7.197	919.2	925.5	946.1	8+1+8	866.5
	š	_	65.9	9	9	1	70.0	-	2	64.8	74.4	68.2	77.0	72.1	71.8	15.4	82.0	76.3	79.4	47.1	9.09	80.5	82.0	84.2	1.68	89.2	6.06	92.2	97.2	20.8	97.9	1000-1	21.0	7 707	106.5	111.7	105.9	115.1	109.3	113.3	122.0	115.5	118.0	116.9	119.4	125.0
	SECT ION	ZPL	51.1	51.4	42.1	51.9	55.5	52.3	25.5	61.1	52.9	62.1	53.1	62.8		44.6	53.8	M	64.2	26.6	64.8	65.3	45.1	65.2	54.6	2.99	67.0	66.5		28.0	•	67.5	6.83	70.0			81.6		82.0		70.6	83.2	83.4	94.6	84.5	
		4	~	6		35.50	4	6	2	2	6	38.35	9	2		39.85	40.39	40.60	41.34	41.65	41.85	42.09	42.30	42.81	42.81	44.30	45.05	45.05	45.25	46.10	46.75	62.24	10.00		49.20	51.00	51.54	51.65	52.29	53.55	53.99	53.99	54.50	54.84	55.25	56.41
		3Z	99	59	. 65	1	99	. 59	8	. 59	17	69	65	. 59	71	7.	7.1	69	59	12	17	187	1	65	17	7	8	65	=	52	2	65	875T		1	6	17	1	69	.87		.71	65	00	87	7.1
				.438/	.375/	.438/	.438/	.438/	.563/1	.5007	.438/	1005.	.438/	.5007	1005.	.438/	.438/	.5007	-5007	.625/1	.500/	1005.	.438/	.500/	.438/	1005.	.500/	.500/	.438/	.688/	2005	1005	5007	1299	2000	.500/	.563/	1005.	.563/	.5007	1005.	.563/	.563/	.563/1	.563/	.563/
		H	×	×	×	2X	×	3×	×	×	×	×	×	×S	X	×	×	XS	×	×	×	×	×	×	×	×	×	×	×	×	×	×	× ×	× ×	×	×	×	×	×	×	×	×	×	×	×	×
		z	14X	14×	12X	14X	14×	14×	×	16X	14×	16X	14X	16x	16X	12X	14X	16X	16x	X	16X	16x	12X1	16X	14X	16×	16x	16X	14X1	×	16x	16x	107	*	16X	16X	18X	16X1	18X	14X1	16x	18X	18X	18X	18×	18X

.281 IN. PLATE (AREA= 2.37 SQ.IN.)

								******	*** BEA	4 DIMENSIONS		*******	
		SECTION	MODOLUS							MEB	FLA	ANGE	SHEAR
H	HT/FT	ZPL	ZFL	INERTIA	ď	4	46	AREA	DEPTH	THICK	MIDTH	THICK	AREA
•	56.95	71.5	132.1	796.2	6.5	11:1	9.0	16.75	16.88	.500	10-00	.875	8.58
18X10X .563/ .719T	58.85	85.9	134.6	966	7.1	11.6	7.4	17.31	18.72	.563	10.00	.719	10.70
•	61.64	88.1	142.8	1050.4	7.2	11.9	1:4	18.13	19.00	.563	8.00	1.000	10.86
18X11X . 563/ .875T	67.15	89.8	164.9	1113.6	7.1	12.4	6.8	19.75	18.88	.563	11.00	.875	10.79
18X10X .563/1.000T	68.44	9.06	168.5	1136.3	7.1	12.5	6.7	20.13	19.00	.563	10.00	1.000	10.86
18X12X .563/ .875T	70.14	7.06	175.9	1146.9	7.1	12.6	6.9	20.63	18.88	.563	12.00	.875	10.79
9X . 625/1	72.69	1.56	171.0	1191.4	7.1	12.4	7.0	21.38	19.13	.625	9.00	1-125	12.13
21x 9x .688/ .875T	75.85	120.2	178.6	1591.9	0.0	13.2	6.0	22.31	21.88	.688	9.00	.875	15.25
XO	78.85	122.1	191.7	1652.7	8.0	13.5	9.9	23.19	21.88	.688	10-00	.875	15.25
21x 8x .688/1.125T	79.70	123.6	192.9	1688.0	8.1	13.7	8.7	23.44	22.13	.688	8.00	1.125	15.42
21X11X . 588/ . 875T	81.80	123.8	204.8	1709.5	8.0	13.8	8.3	24.06	21.88	.688	11.00	.875	15.25
21X 9X .688/1.125T	83.50	125.7	209.3	1760.2	8.1	14.0	4.0	24.56	22.13	.688	9.00	1.125	15.42
21X12X .688/ .875F	84.80	125.3	217.7	1762.7	9.0	14.1	8.1	24.94	21.88	.688	12.00	.875	15.25
.6887	87.35	127.6	225.5	1826.4	8.1	14.3	-	55.69	22.13	.688	10.00	1.125	15.42
21X13X .688/ .875T	87.75	126.7	230.5	1812.1	8.0	14.3		25.81	21.88	.688	13.00	.875	15.25
×	90.95	156.2	231.8	2348.4	9.0	15.0		26.75	24.88	.750	10.00	.875	18.87
24X 8X .750/1.125T	91.80	158.0	233.3	2393.7	9.0	15.2		27.00	25.13	.750	8-00	1-125	19.06
	93.94	158.6	246.4	2427.9	9.0	15.3		27.63	24.88	.750	11.00	.875	18.87
24x 9x .750/1.125T	95.64	160.9	251.9	5495.4	9.6	15.5	6.6	28.13	25.13	.750	9.00	1.125	19.06
	96.90	160.7	261.1	2503.2	9.0	15.6		28.50	24.88	.750	12.00	.875	18.87
	84.66	163.5	270.5	2.0652	9.1	15.8		29.52	25.13	.750	10-00	1-125	19.06
	99.89	162.6	276.0	2574.8	9.0	15.8	9.3	29.38	24.88	.750	13-00	.875	18.87
	102.65	133.3	290.1	2046.8	7.9	15.4	7:1	30.19	22.13	.688	14.00	1-125	15.42
	106.45	134.4	306.0	2092.7	7.9	15.6	6.8	31.31	22.13	.688	15.00	1.125	15.42
	107.10	168.0	307.5	5760.6	9.0	16.4	9.0	31.50	25.13	.750	12.00	1.125	19.06
3	110.94	169.9	326.0	2837.8	9.0	16.7	9.7	32.63	25.13	.750	13.00	1.125	19.06
	126.24	222.8	362.8	3972.6	10.0	17.8	11.0	37.13	28.50	.875	9.00	1.500	25.18
	127.09	222.7	369.1	3980.8	10.0	17.9	10.8	37.38	28.38	.875	10-00	1.375	25.08
	130.05	223.4	389.1	4031.8	10.0	18.0	10.4	38.25	28.13	.875	13.00	1-125	24.86
	131.34	556.5	389.7	4123.0	10.0	18.5	10.6	38.63	28.50	.875	10.00	1.500	25.18
	131.75	256.6	394.0	4116.6	10.0	18.2	10.4	38.75	28.38	.875	11-00	1.375	25.08
	133.89	552.9	4.09.8	4137.2	10.0	18.3	10.1	39.38	28.13	.875	14.00	1.125	54.86
	137.70	258.2	430.1	4536.4	6.6		9.6	40.50	28.13	.875	15.00	1-125	24.86
27x13x .875/1.500T	146.64	235.5	470.0	4515.4	10.0	19.5	9.6	43.13	28.50	.875	13.00	1.500	25.18
30X10X1.000/1.375T		285.7	439.0	2479.6	10.9	2.	12.5	43.75	31.38	1.000	10-00	1.375	31.66
30x10x1.000/1.500T	153.00	2.062	462.1	5671.0	10.9	.5	12.3	45.00	31.50	1.000	10.00	1.500	31.78
30X11X1.000/1.375T	153.44	2.062	466.7	5665.6	10.9	19.5	15.1	45.13	31.38	1.000	11-00	1.375	31.66
30×10×1.000/1.750T	161.50	299.8	507.3	6036.1	11.0	20.1	11.9	47.50	31.75	1.000	10.00	1.750	32.03
				0 2813	- 9/32	, in.							

	:	MEB FLANGE	125 2-00	.125 2.00	.166 2.00	1 .168 2.00	5 .168 3.00	1 .166 2.00	.188 2.00	.188 2.00	.188	.166 3.00	.166 4.00	.188 3.00	.168 4.00	.188 4-00	.250 3.00	.250 3.00	.250 3.00	.250 3.00	.250 3.00	.250 4.0	.250 3.00	8 .250 3.00	1 .250 4.00	.250 3.00	250 2000	.250 5.00	.250 5.00	.250 4.00	.250 5.00	00-6 052-	00-9 062-	.313	.250 6.80	4 .313 4.00	.313 4.00	.250 6.00	6 .313 5.00	.313 4-00	.313 4.00	.313 5.
	******		.75 3.19				-		1.44 5.25	•	25			90	19	38	99	69	91	88		00	9	3		3.31 8.44		3.63 7.38	3.69 6.4	10	•		4.10		_		63 10	3 8.	6 69		4.68 10.4	0
		,	7 7.8	6	.8 2.8	6		~	1.3 4.2	•	1.6 4.9		'n	;	3.		ň	5.	;	5		j				3.2 5.5		; ;	3	5		;	,		;	5.	•	2 4.	5.	2.	•	4.6 6.1
		•	-	1.4	1.2	1.3	1.3	1.7	1.9	2.0	2.4	2	1.9	9	2				_	_			-			3.5			•					. 6	•			3.8	•••		4.3	**
	1	00LUS	1.6 then 1.6	2.2 7.9									5.9 17.8	*	.5	.2	•	.69 2.		54.		-96		71.		14.1 77.6			55.	.69	6		. 00	109.	82	117.	137.	107.	1.9 120.8			
7.1			6.7										11.3	16.6	14.2	17.2	14.6	19.6																								32.5
.93 SQ.IN.)				~	3.	;	;	;	;	5.	2	•	•			•					10	10.		•	•	11.25			12.	12.	•			14.	14.		15.	15.7	15.	6.3	•	17.00
(AREA= 2.			5/ -188T			37 . 3137											•						•	•	•		• •	• •				1024. /0			07 .438T				•		•	3/ .3751
.313 IN. PLATE (				×2	3X 2X .188/	×	3×	2	<b>5X</b>	<b>5</b>	2×	3X	×	6x 3x .188/	ž	××	3	3×	3×	3	38	×	•	3x	× ;	6x 5x .250/	, X	5x .	5x .	* × *	2×	10 67 × XC X1	2×	* × *	. x9	* ×*	×	. ×9	•	* × *	4×	10x 5x .313/

7.9         7.1         10.06         14.66         .436         6.00           3.0         6.9         10.28         14.59         .438         7.00           3.1         6.9         10.44         12.66         .438         7.00           8.2         6.7         10.72         14.66         .438         7.00           8.3         6.6         10.84         14.72         .438         6.00           8.3         6.6         10.97         16.59         .500         7.00           8.4         10.97         16.72         .438         6.00           8.5         6.6         11.12         16.72         .438         6.00           8.5         6.4         11.28         16.65         .500         5.00           8.6         6.4         11.28         16.65         .500         5.00           8.7         11.28         16.66         .500         5.00         5.00           8.7         11.29         16.66         .500         5.00         5.00           8.7         11.29         16.66         .500         5.00         5.00           8.7         11.20         16.72         .438	5.9 7.9 7.1 10.06 14.66 .438 7.01 5.9 8.0 8.1 6.9 10.28 14.59 .438 7.01 7.5 6.1 8.1 6.9 10.44 14.72 .438 6.00 7.6 6.0 8.2 6.7 10.72 14.66 .438 7.00 7.6 6.0 8.2 6.7 10.72 14.66 .438 7.00 8.6 6.0 8.5 8.6 11.38 14.66 .438 7.00 9.6 5.8 8.7 8.3 11.28 14.66 .438 7.00 9.7 6.5 8.7 8.3 11.28 14.66 .438 9.00 9.8 6.5 8.7 8.3 11.28 14.66 .438 9.00 9.8 6.5 8.7 8.3 11.28 14.66 .438 9.00 9.9 6.5 8.7 8.3 11.28 14.66 .438 9.00 9.0 8.0 8.3 11.28 14.72 .438 9.00 9.0 8.0 8.3 11.38 14.72 .438 9.00 9.0 8.0 8.0 12.44 12.72 .438 9.00 9.0 8.0 8.0 12.44 12.72 .438 9.00 9.0 8.0 12.44 13.25 16.66 .500 7.00 9.0 8.0 12.44 13.25 16.66 .500 7.00 9.0 9.3 7.6 13.25 16.66 .500 7.00 9.0 9.3 7.6 13.25 16.66 .500 9.00 9.0 9.3 13.75 16.72 .500 9.00 9.0 9.3 13.75 16.72 .500 9.00 9.0 9.1 14.06 18.66 .503 6.00 9.1 14.0 16.0 16.0 16.0 .503 9.00 9.1 14.0 16.0 16.0 16.0 .503 9.00 9.1 14.0 16.2 16.0 16.0 .503 9.00 9.1 14.0 16.2 16.0 .503 9.00 9.1 14.0 17.1 17.1 .500 16.00 .503 9.00 9.1 14.0 16.5 10.0 16.0 10.0 10.0 10.0 10.0 10.0 10.0	SECTION MODULUS
8.1         6.9         10.28         14.59         .438         7.0           8.1         6.9         10.41         12.66         .438         7.0           8.2         6.7         10.72         14.56         .438         7.0           8.2         6.6         10.94         14.72         .438         6.0           8.4         8.5         10.97         16.59         .438         7.0           8.5         10.97         16.59         .500         5.0           8.6         11.16         14.72         .438         7.0           8.6         11.16         14.72         .438         7.0           8.7         8.2         11.56         16.56         .500         5.0           8.6         11.6         6.9         .500         5.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0 <td< td=""><td>5.9 6.0 6.9 10.28 14.59 .438 7.00 .594 7 5.3 7.8 5.2 10.41 12.66 .375 9.00 .656 8.0 0.2 6.7 10.72 14.66 .438 7.00 .594 8 6.0 0.3 6.6 110.94 14.72 .438 7.00 .594 8 6.0 0.5 6.6 111.10 14.72 .438 6.00 .719 8 6.0 0.5 6.6 111.10 14.72 .438 0.00 .594 8 6.0 0.5 6.6 111.10 14.72 .438 0.00 .594 8 6.0 0.8 0.3 11.52 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.69 .501 6.00 .719 8 6.0 0.8 0.3 11.94 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.66 .501 6.00 .719 8 6.0 0.8 0.9 0.1 11.94 16.66 .501 6.00 .719 8 6.0 0.8 0.1 12.31 16.72 .438 9.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 9.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 10.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 10.00 .719 8 6.0 0.0 0.0 12.31 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 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16.13 19.00 .563 9.00 .719 8 7.3 10.9 0.4 16.13 19.00 .563 9.00 .710 .719</td><td>57.7 Start 4</td></td<>	5.9 6.0 6.9 10.28 14.59 .438 7.00 .594 7 5.3 7.8 5.2 10.41 12.66 .375 9.00 .656 8.0 0.2 6.7 10.72 14.66 .438 7.00 .594 8 6.0 0.3 6.6 110.94 14.72 .438 7.00 .594 8 6.0 0.5 6.6 111.10 14.72 .438 6.00 .719 8 6.0 0.5 6.6 111.10 14.72 .438 0.00 .594 8 6.0 0.5 6.6 111.10 14.72 .438 0.00 .594 8 6.0 0.8 0.3 11.52 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.69 .501 6.00 .719 8 6.0 0.8 0.3 11.94 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.66 .438 9.00 .719 8 6.0 0.8 0.3 11.94 16.66 .501 6.00 .719 8 6.0 0.8 0.9 0.1 11.94 16.66 .501 6.00 .719 8 6.0 0.8 0.1 12.31 16.72 .438 9.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 9.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 10.00 .719 8 6.0 0.9 0.1 12.31 16.72 .438 10.00 .719 8 6.0 0.0 0.0 12.31 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 .501 6.00 .719 8 6.0 0.0 0.0 12.39 16.66 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0.4 16.13 19.00 .563 9.00 .719 8 7.3 10.9 0.4 16.13 19.00 .563 9.00 .710 .719	57.7 Start 4
3         7.8         5.2         10.44         14.72         .436         6.00           8.1         6.9         10.44         14.72         .436         6.00           8.2         6.7         10.94         14.66         .438         7.00           8.4         6.5         11.16         14.72         .438         7.00           8.4         11.28         16.66         .538         7.00           8.5         6.6         11.16         14.72         .438         6.00           8.6         6.11.16         14.72         .438         7.00           8.6         11.28         16.66         .500         5.00           8.7         8.3         11.56         16.72         .500         5.00           8.8         11.72         12.72         .438         9.00           8.7         11.56         16.72         .500         5.00           8.8         11.94         16.66         .500         5.00           9.0         11.194         16.72         .500         5.00           9.2         12.16         16.72         .500         5.00           9.2         11.194         16.66	5.3 7.8 5.2 10.41 12.66 375 9.00 .719  5.4 6.0 8.1 6.9 10.44 14.72 438 6.00 .719  5.5 6.0 8.2 6.6 110.72 14.66 438 6.00 .719  5.6 6.0 8.5 6.6 110.87 14.59 438 7.00 .719  5.6 6.0 8.5 6.6 110.87 14.65 438 6.00 .719  5.7 6.5 8.6 8.4 11.38 14.65 438 8.00 .719  5.8 6.9 8.7 8.2 11.38 14.66 438 8.00 .719  5.9 6.9 8.7 8.2 11.38 14.66 438 8.00 .719  5.0 8.9 8.1 11.38 14.66 438 8.00 .719  5.0 8.9 8.1 11.38 14.66 438 8.00 .719  5.0 8.9 8.1 11.39 16.72 438 8.00 .719  5.0 8.9 8.1 11.39 16.72 438 8.00 .719  5.0 8.9 8.1 11.39 16.72 438 8.00 .719  5.0 8.9 8.1 11.39 16.72 438 8.00 .719  5.0 8.9 8.1 11.39 16.72 438 8.00 .719  5.0 8.9 8.1 11.30 16.59 .70 11.25  5.0 8.9 8.1 11.31 16.86 .70 11.32  5.0 8.9 8.7 8.1 11.32 16.86 .70 11.32  5.0 8.9 8.7 8.1 11.32 16.86 .70 10.80  5.0 8.9 8.7 8.1 11.32 16.86 .70 10.80  5.0 8.9 8.7 8.1 14.1 16.86 .70 10.80  5.0 8.9 8.7 8.1 14.1 16.86 .70 10.80  5.0 10.8 8.9 14.4 16.8 8.00 10.80  5.0 10.8 8.9 14.4 16.8 8.00 10.80  5.0 10.8 8.9 14.4 16.8 8.00 10.80  5.0 10.8 8.9 16.8 16.86 .70 10.80  5.0 10.8 8.9 16.8 16.8 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 16.9 8.00 10.8 8.00  5.0 10.8 8.9 16.9 18.7 8.8 16.8 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 16.8 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 16.8 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 16.8 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 16.8 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 18.8 8.8 8.8 8.9 8.00  5.0 10.9 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.00  5.0 10.8 8.9 16.9 18.7 8.8 8.9 8.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	58.0 67.6
8.1 6.9 10.44 14.72 438 6.00  8.2 6.5 10.84 14.59 438 7.00  8.5 6.6 10.84 14.59 438 7.00  8.5 6.6 110.94 8.00  8.5 6.6 111.94 14.72 438 7.00  8.5 6.6 111.38 14.66 438 7.00  8.5 6.6 111.38 14.66 438 8.00  8.5 8.1 11.72 12.72 438 8.00  8.6 8.1 11.94 16.66 500  8.7 8.3 11.94 16.66 500  8.8 8.1 11.94 16.66 500  8.9 8 1 11.94 16.66 500  8.9 8 1 11.94 16.66 500  8.0 8 1 11.94 16.66 500  8.1 8.2 12.25 8.13 600  8.2 8.1 8.2 12.25 8.13 600  8.3 8.1 8.2 12.25 8.13 600  8.4 8.2 13.25 16.66 500  8.6 8.2 13.25 16.66 500  8.7 8 13.75 16.72 500  8.8 8 8 13.75 16.72 500  8.8 8 14.44 18.72 500  8.9 8 11.447 16.72 500  8.0 8 15.16 18.66 500  8.0 8 15.16 18.66 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.66 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.72 500  8.0 8 15.16 18.66 500  8.0 8 15.16 18.66 500  8.0 8 16.17 88 18.72 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.00 500  8.0 8 16.10 16.10 16.00 500  8.0 8 16.10 16.10 16.00 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 500  8.0 8 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16.10 16	6.0 6.1 6.9 10.44 14.72 436 6.00 719  7. 5.0 8.2 6.7 10.72 14.66 438 7.00 6596  8. 6. 6. 10.97 16.59 501 7.00 6596  8. 6. 6. 11.24 14.72 438 7.00 6596  8. 6. 6. 11.24 14.72 438 7.00 6596  8. 6. 6. 411.28 14.66 590 5.00 6.00 719  8. 6. 6. 8. 11.28 14.66 590 7.00 719  8. 6. 6. 8. 11.38 14.66 590 7.00 719  8. 6. 6. 8. 11.38 14.66 590 7.00 719  8. 6. 6. 8. 11.38 14.72 590 6.00 719  8. 6. 6. 8. 11.38 14.72 590 6.00 719  8. 6. 6. 8. 11.38 14.72 590 6.00 719  8. 6. 6. 8. 11.38 14.72 590 6.00 719  8. 6. 6. 8. 11.38 14.72 590 6.00 719  8. 6. 6. 9. 7. 9 12.16 16.72 590 6.00 719  8. 6. 6. 9. 7. 8 13.25 16.86 590 6.00 719  8. 6. 6 9. 7. 8 13.25 16.86 590 6.00 719  8. 6. 6 9. 7. 8 13.25 16.86 590 7.00 7.00  8. 6. 6 9. 7. 8 13.25 16.86 590 7.00 7.00  8. 6. 6 9. 7. 8 13.25 16.86 590 7.00 7.00  8. 6. 6 9. 7. 8 13.75 16.72 590 8.00 7.00  8. 7. 1 10.1 0.9 14.44 16.72 590 8.00 7.00 7.00  8. 7. 1 10.1 0.9 14.44 16.72 563 9.00 7.00 7.00  8. 7. 1 10.1 0.9 14.44 16.72 563 9.00 7.00  8. 7. 1 10.1 0.9 15.10 16.86 590 9.00 7.00  8. 7. 10.1 0.9 15.10 16.86 590 9.00 7.00  8. 7. 10.1 0.9 15.10 16.89 500 9.00 7.00  8. 7. 10.1 0.9 15.10 16.80 500 9.00 7.00  8. 7. 10.1 0.9 0.1 16.81 10.85 500 9.00 7.00  8. 7. 10.9 0.9 16.0 16.0 590 9.00 7.00  8. 7. 10.9 0.9 16.9 16.9 10.7 590 9.00 7.00  8. 7. 10.9 0.9 16.9 16.9 10.7 590 9.00 7.00  8. 7. 10.9 0.9 16.9 16.9 10.7 590 9.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 500 7.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 500 7.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 500 7.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00  8. 7. 10.9 0.9 16.9 16.9 16.9 16.9 10.00 7.00 7.00 7.00 7.00 7.00 7.00 7.0	48-1 71.7
8.2         6.7         10.72         14.66         .438         7.00           8.3         6.6         10.88         14.59         .438         6.00           8.4         8.5         10.97         16.99         .50         .50           8.5         6.6         110.97         16.66         .50         .50           8.5         6.6         111.38         14.66         .50         .50           8.5         6.4         11.28         16.66         .50         .50           8.7         8.2         11.59         16.72         .438         .50           8.7         8.3         11.94         16.66         .50         .50           8.8         11.94         16.66         .50         .50         .50           8.9         11.94         16.66         .50         .50         .50           8.9         11.94         16.66         .50         .50         .50           8.0         11.94         16.66         .50         .50         .50           8.0         11.94         16.66         .50         .50         .50           8.0         11.32         16.72         .53	6.6 6.4 6.4 6.7 10.72 14.66 4.38 7.01 .659 6.6 10.83 11.94 16.59 4.38 7.01 .594 6.6 6.4 6.4 10.97 16.59 4.51 7.01 .594 6.6 6.8 6.6 11.16 14.72 4.38 7.01 .594 6.6 6.8 6.4 11.38 14.66 4.38 7.01 .594 6.5 6.6 6.7 8.2 11.56 16.59 5.01 6.01 .594 6.5 6.7 8.2 11.56 16.59 5.01 6.01 .719 6.6 6.8 6.7 8.2 11.72 12.72 4.38 9.01 .719 6.6 6.8 9.1 7.9 12.16 16.72 4.38 9.01 .719 6.6 9.2 7.9 12.16 16.72 4.38 9.01 .719 6.6 9.2 7.9 12.2 16.72 4.38 9.01 .719 6.6 9.2 7.9 12.31 16.72 4.38 10.80 .719 6.6 9.2 7.7 12.59 16.72 5.01 6.01 .719 6.6 9.6 7.8 13.03 16.72 5.01 6.01 .719 6.6 9.6 7.8 13.03 16.72 5.01 6.01 .719 6.6 9.6 7.8 13.03 16.72 5.01 6.01 .719 6.7 9.9 7.2 14.04 18.72 5.01 8.01 .719 6.7 9.9 7.2 14.04 18.72 5.01 8.01 .719 6.7 10.3 6.9 15.01 16.08 5.01 10.01 .719 7.2 10.4 8.6 15.16 18.72 5.03 8.01 .719 7.2 10.6 8.4 15.18 18.66 5.03 9.01 .719 7.3 10.9 8.4 15.13 19.06 5.03 9.01 .719 7.3 10.9 8.1 16.59 18.72 5.03 9.01 .719 7.3 10.9 8.1 16.59 18.72 5.03 9.01 .719	58.5 68.7 4
0.3         6.6         10.88         14.59         .438         0.00           0.4         0.4         0.00         .563         7.00         1           0.4         0.6         11.16         14.72         .438         7.00         1           0.5         0.4         11.28         14.66         .500         5.00         1         0.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	6.0 6.3 6.3 6.6 110.8 14.59 .438 8.00 .594  6.1 8.2 6.4 11.5 14.72 .438 7.00 1.010  6.2 8.7 8.6 111.5 14.72 .438 7.00 .719  6.2 8.7 8.2 11.56 16.59 .510 6.00 .594  6.3 8.7 8.1 11.75 12.72 .438 8.00 .719  6.4 8.8 8.1 8.1 11.75 12.72 .438 8.00 .719  6.5 8.9 8.1 11.75 12.72 .438 8.00 .719  6.6 8.9 8.1 11.94 16.66 .500 6.00 .719  6.6 9.1 7.9 12.31 16.72 .510 6.00 .719  6.6 9.2 7.7 12.25 8.13 16.86 .500 6.00 .719  6.6 9.2 7.7 12.59 14.72 .510 6.00 .719  6.6 9.2 7.7 12.59 14.72 .510 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.6 9.2 7.7 12.59 16.66 .500 6.00 .719  6.7 9.9 7.1 14.72 .500 6.00 .719  6.8 9.9 7.1 14.06 18.66 .500 6.00 .719  6.9 9.7 10.1 8.0 15.00 16.88 .500 10.00 .719  7.2 10.7 8.1 15.38 16.88 16.80 .500 10.00 .719  7.3 10.9 8.1 16.13 16.66 .563 6.00 .719  7.4 10.9 8.1 16.13 16.66 .503 6.00 .719  7.5 10.6 8.1 15.38 16.86 .501 10.00 .719  7.7 10.0 8.1 16.38 16.72 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.66 .503 8.00 .719  7.8 10.9 8.1 16.13 10.00 .503 8.00 .719  7.8 10.9 8.1 16.13 10.00 .503 8.00 .719  7.8 10.9 8.1 16.13 10.00 .719  7.8 10.00 8.1 16.59 10.72 .503 8.00 .719  7.8 10.00 8.1 16.59 10.72 .503 8.00 .719  7.8 10.00 8.1 16.59 10.72 .503 8.00 .719	58.9 72.1 4
6.4         6.5         10.94         8.00         5.50           6.5         10.97         16.59         5.00         5.00           6.6         11.20         16.59         5.00         5.00           6.6         11.20         16.66         5.00         5.00           6.6         11.20         16.66         5.00         5.00           6.7         8.2         11.50         16.66         5.00         5.00           6.7         8.2         11.72         14.30         5.00         5.00           6.7         8.2         11.72         14.30         5.00         5.00         5.00           6.7         8.2         11.94         16.66         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00 <t< td=""><td>5 5.7 5.1 5.1 5.1 5.9 6.6 5.5 5.0 7.00 1.00 6.6 6.6 6.5 6.6 6.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0</td><td>58.9 74.</td></t<>	5 5.7 5.1 5.1 5.1 5.9 6.6 5.5 5.0 7.00 1.00 6.6 6.6 6.5 6.6 6.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	58.9 74.
8.6         6.6         11.16         14.72         4.38         7.00           8.6         6.4         11.28         14.66         -5.38         8.00           8.7         8.2         11.59         16.59         -5.00         6.00           8.7         8.2         11.59         16.66         -5.00         6.00           8.8         11.59         16.66         -5.00         6.00           8.9         8.1         11.59         16.66         -5.00         6.00           8.0         8.1         11.59         16.66         -5.00         6.00         6.00           9.0         7.9         12.23         16.66         -5.00         6.00         6.00           9.2         7.7         12.30         16.66         -5.00         6.00         6.00           9.2         7.7         12.59         16.66         -5.00         6.00         6.00           9.2         12.34         16.72         -5.00         6.00         6.00         6.00           9.2         12.59         16.66         -5.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00	6.5 6.5 6.6 11.26 14.66 .510 5.00 .719 6.5 6.5 6.5 6.5 6.5 11.38 14.66 .510 5.00 .719 6.5 6.5 6.5 11.50 14.66 .510 5.00 .719 6.5 6.5 6.5 6.5 11.50 14.65 .510 6.00 .719 6.5 6.5 6.5 6.5 6.5 6.5 11.72 12.72 .438 9.00 .719 9.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	10.64 6.02
8.6 6.4 11.28 16.66 .510 5.00 8.7 8.2 11.59 16.72 .510 6.00 8.8 6.3 11.8 14.6 .43 8.00 8.9 6.1 11.9 16.6 .510 5.00 8.9 8.1 11.9 16.6 .510 5.00 8.9 8.1 11.9 16.6 .50 5.00 8.1 7.9 12.16 16.59 .510 5.00 8.2 12.25 8.1 16.72 .510 5.00 8.3 12.25 16.6 .50 5.00 8.4 4.9 12.4 16.7 2 .43 8 10.80 8.5 7.6 13.25 16.6 .50 7.00 8.6 7.6 13.25 16.6 .50 6.00 8.7 7.2 14.1 16.2 .50 6.00 8.8 7.2 14.1 16.6 .50 6.00 8.9 9.9 7.2 14.1 16.6 .50 9.00 8.9 9.9 15.00 16.8 .50 8.00 8.1 10.3 6.9 15.00 16.8 .50 8.00 8.1 10.4 8.5 15.75 14.8 .50 8.00 8.1 10.5 8.6 15.8 16.8 .50 8.00 8.1 10.6 8.6 15.8 16.8 .50 9.00 8.1 10.6 8.6 15.8 16.6 .50 9.00 8.1 10.6 8.6 15.8 16.6 .50 9.00 8.1 10.6 8.6 15.8 16.6 .50 9.00 8.1 10.6 8.6 15.8 16.6 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 .50 9.00 8.1 10.9 8.1 16.8 9.00 9.00	6.5 6.6 6.4 11.28 16.66 .510 5.01 .656 6.5 6.5 6.5 6.5 6.5 6.4 11.38 14.66 .438 6.01 .5594 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	59-7 76-7
8.5         6.4         11.38         14.66         .438         8.00           8.7         8.2         11.56         16.59         .500         6.00           8.8         8.3         11.59         12.72         .438         9.00           8.9         6.3         11.59         14.72         .438         9.00           8.9         8.0         11.94         16.66         .500         6.00           8.0         12.25         8.13         .65         .500         7.00           8.0         12.25         16.86         .500         7.00           8.1         7.9         12.25         16.86         .500         7.00           8.2         12.25         16.86         .500         7.00         7.00           8.2         12.24         16.86         .500         7.00         7.00           8.3         12.44         12.72         .438         10.00         7.00           8.4         13.25         16.66         .500         7.00         7.00           8.4         13.25         16.86         .500         7.00         7.00           8.4         13.25         16.86         .500	6.5 6.7 8.2 11.36 14.66 .438 0.00 .594 6 6.5 8.7 8.2 11.56 16.59 .510 6.00 .719 6.5 6.7 8.3 11.59 16.72 .510 6.00 .719 6.6 6.9 6.0 11.72 12.72 .438 9.00 .719 6.6 6.9 8.1 11.94 16.56 .510 6.00 .719 6.6 9.1 7.9 12.16 16.59 .510 6.00 .719 6.6 9.2 7.9 12.16 16.59 .510 6.00 .719 6.6 9.2 7.9 12.16 16.59 .510 6.00 .719 6.6 9.2 7.9 12.31 16.72 .510 6.00 .719 6.6 9.2 7.7 12.59 16.66 .510 7.00 .875 6.6 9.6 7.6 13.25 16.86 .500 7.00 .719 6.6 9.6 7.6 13.25 16.86 .500 7.00 .719 6.6 9.8 7.2 13.75 16.86 .500 7.00 .719 6.6 9.8 7.2 13.75 16.86 .500 7.00 .656 7.1 9.9 9.1 14.06 18.66 .500 7.00 .656 7.1 10.1 8.9 9.1 14.06 18.66 .500 7.00 .719 7.2 10.4 8.2 15.75 16.88 .500 7.00 .719 7.2 10.4 8.2 15.75 16.88 .500 7.00 .719 7.2 10.5 8.4 15.3 18.66 .503 10.00 .719 7.2 10.7 8.2 15.75 16.88 .500 7.00 .719 7.2 10.8 8.2 15.75 14.88 .500 7.00 .719 7.2 10.9 8.4 15.13 18.66 .503 6.00 .719 7.2 10.9 8.4 16.13 18.66 .503 6.00 .719 7.2 10.9 8.4 16.13 18.66 .503 6.00 .719 7.2 10.9 8.4 16.13 18.66 .503 6.00 .719 7.2 10.9 8.2 16.03 18.66 .503 7.00 .719 7.3 10.9 8.2 16.72 .563 6.00 .719 7.3 10.9 8.2 16.72 .563 6.00 .719 7.3 10.9 8.2 16.72 .563 7.00 .719 7.3 10.9 8.2 16.72 .563 7.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.66 .563 6.00 .719 7.3 10.9 8.4 16.13 18.86 .563 7.00 .719 7.3 10.9 8.4 16.13 18.86 .563 7.00 .719 7.3 10.9 8.7 16.13 18.86 .72 .72 .72 .72 .72 .72 .72 .72 .72 .72	69.3 70.3
6.7         8.2         11.56         16.59         .500         6.00           6.9         8.3         11.59         16.72         .436         9.00           6.9         6.3         11.59         16.72         .436         9.00           6.9         8.1         11.94         16.66         .500         6.00           5         9.0         7.9         12.16         16.65         .500         6.00           6         9.2         7.9         12.25         8.13         .500         7.00           7         9.2         7.7         12.30         16.86         .500         7.00           8         9.1         12.34         16.86         .500         7.00         16.80           9.2         7.7         12.59         16.86         .500         7.00         16.80           9.2         7.7         12.59         16.86         .500         7.00         16.80           9.4         13.25         16.86         .500         7.00         16.80         .500         16.80           9.5         7.4         13.25         16.86         .500         7.00         16.80         .500         16.80	6.5 6.7 8.2 11.55 16.59 .500 6.00 .594 8 6.5 8.7 8.3 11.59 16.72 .438 9.00 .719 6 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	59.6 79.3
5         0.7         8.3         11.59         16.72         .510         5.00           6         0.8         6.3         11.94         16.72         .438         9.00           6         0.8         0.1         11.94         16.59         .510         5.00           9.0         7.9         12.16         16.59         .510         5.00           5         7.9         12.25         0.13         .625         7.00           6         9.2         3.2         12.25         0.13         .625         7.00           6         9.2         7.7         12.39         16.06         .510         6.00           9.2         7.7         12.59         16.06         .510         7.00           9.2         7.7         12.59         16.06         .510         7.00           9.2         7.6         13.03         16.06         .510         7.00           9.6         7.6         13.03         14.77         .438         10.00           9.6         7.6         13.03         14.77         .438         7.00           9.6         7.6         13.25         16.06         .510         7.00	6.5         6.7         8.3         11.59         16.72         .500         .719         8           5.2         7.9         5.1         11.72         12.72         .438         9.00         .719         6         6         6         9.00         .719         6         6         9         0         .719         6         6         9         0         .719         6         6         9         0         .719         6         6         9         0         .719         6         6         9         0         .719         6         9         0         .719         6         9         0         .719         6         9         0         .719         6         9         0         .719         6         9         0         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9         9	69.9 74.3
7.9 5.1 11.72 12.72 .438 9.00  8.6 6.3 11.86 14.72 .438 9.00  5 9.0 7.9 12.16 16.59 .500 6.00  2 9.2 3.2 12.25 8.13 .625 7.00  6 9.1 7.9 12.31 16.72 .510 6.00  9 9.2 7.7 12.59 16.86 .510 6.00  9 9.6 7.6 13.25 16.86 .510 7.00  9 9.5 7.6 13.25 16.88 .510 6.00  9 9.5 7.6 13.31 14.72 .438 9.00  1 9.9 7.2 13.91 16.66 .510 9.00  1 9.9 7.2 13.91 16.66 .500 9.00  1 10.1 8.9 14.47 16.72 .500 8.00  2 10.4 8.6 15.16 18.72 .500 9.00  1 10.3 6.9 15.16 18.72 .500 9.00  2 10.4 8.6 15.16 18.72 .500 9.00  2 10.5 8.6 15.75 14.86 .500 9.00  2 10.6 8.6 15.88 18.66 .500 9.00  2 10.7 8.3 15.25 14.88 .500 9.00  2 10.6 8.6 15.88 18.66 .503 9.00  2 10.6 8.6 15.88 18.66 .563 8.00  2 10.6 8.6 15.88 18.66 .563 8.00  2 10.8 8.4 15.38 18.66 .563 8.00  2 10.9 8.4 16.13 19.00 .563 8.00  2 10.9 8.4 15.38 18.66 .563 8.00  2 10.9 8.4 15.38 18.66 .563 8.00  2 10.9 8.4 16.13 19.00 .563 8.00  2 10.9 8.4 15.38 18.66 .563 8.00  2 10.9 8.4 15.38 18.66 .563 8.00  2 10.9 8.4 16.13 19.00 .563 8.00  2 10.9 8.4 16.13 19.00 .563 8.00	5.2         7.9         5.1         11.72         12.72         -438         9.00         .719         5           6.0         6.0         6.3         11.98         14.72         -438         8.00         .719         6           6.0         8.0         7.9         12.16         16.59         -500         5.00         .719         6           6.6         9.2         3.2         12.25         0.13         .625         7.00         1.125         5           6.6         9.2         3.2         12.31         16.72         -500         5.00         .719         6           6.6         9.2         7.7         12.59         16.66         -500         7.00         .719         6           6.6         9.9         7.6         13.25         16.66         -500         7.00         .719         6         6         9.00         .719         6         6         6         9.00         .719         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6	70.3 74.0
8.8         6.3         11.88         14.72         -4.38         8.00           5.8         7.9         11.94         16.66         -5.00         6.00           5.2         3.2         12.25         8.13         -6.59         7.00           6         9.2         3.2         12.31         16.72         -500         7.00           7         12.38         16.86         -500         5.00         7.00           9.2         7.7         12.59         16.66         -500         7.00           9.2         7.6         13.25         16.86         -500         7.00           6         9.6         7.6         13.25         16.86         -500         7.00           6         9.6         7.6         13.25         16.86         -500         7.00           6         9.6         7.6         13.25         16.86         -500         7.00           1         9.9         7.2         13.91         16.72         -500         7.00           1         9.9         7.2         13.91         16.72         -500         7.00           1         9.9         7.2         13.91         16.72	6.6 6.7 8.8 6.3 11.86 14.72 .438 8.00 .719 6 6.5 6.5 8.9 8.1 11.94 16.66 .500 6.00 .719 6 6.6 9.2 7.2 12.15 8.13 .625 7.00 1.125 9 6.6 9.2 8.1 7.9 12.15 16.86 .500 7.00 .719 8 6.6 9.2 8.1 4.9 12.44 12.72 .438 11.80 .719 8 6.6 9.2 7.6 13.03 16.72 .438 11.80 .719 8 6.6 9.5 7.6 13.03 16.72 .438 10.80 .719 8 6.6 9.5 7.6 13.03 16.72 .500 7.00 .719 8 6.6 9.5 7.6 13.25 16.86 .500 7.00 .719 8 6.6 9.6 7.2 13.25 16.86 .500 7.00 .719 8 7.1 9.9 9.1 14.06 18.66 .500 8.00 .719 8 7.1 10.1 8.9 14.47 16.72 .500 8.00 .719 8 7.2 10.4 8.6 15.16 18.72 .500 8.00 .719 10 7.2 10.5 8.6 15.16 18.72 .500 8.00 .719 10 7.2 10.6 8.6 15.86 16.86 .501 9.00 .719 10 7.2 10.7 8.3 15.96 16.86 .501 10.00 .719 10 7.2 10.8 8.6 15.90 16.86 .501 10.00 .719 10 7.3 10.9 8.1 16.13 19.00 .563 8.00 .656 10 7.3 10.9 8.3 16.25 18.86 .563 7.00 .875 10 7.3 10.9 8.3 16.25 18.86 .563 7.00 .875 10 7.3 10.9 8.3 16.25 18.86 .563 7.00 .719 10 7.3 11.0 8.0 16.13 19.00 .563 7.00 .719 10 7.3 11.0 8.0 16.25 18.86 .563 7.00 .719 10 7.3 11.0 8.0 16.25 18.86 .563 7.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 8.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	20.6 77.7
5         8.9         8.1         11.94         16.66         500         6.00           5         2         3.2         12.16         16.59         500         7.00           6         9.1         7.9         12.31         16.72         500         6.00           9.2         7.7         12.39         16.06         500         6.00           9.2         7.7         12.59         14.72         510         500           9.2         7.7         12.59         14.72         510         7.00           9.2         7.6         13.25         16.66         500         7.00           9.5         7.6         13.25         16.66         500         7.00           10.5         7.6         13.25         16.66         500         7.00           10.5         7.6         13.25         16.66         500         7.00           10.6         7.6         13.27         500         9.00           10.7         14.47         16.72         500         9.00           10.8         7.2         14.47         16.72         500         9.00           10.9         7.2         14.44	6 6.5 6.9 8.1 11.94 16.66 .500 6.00 .656 8 6.5 6.5 6.5 8.3 11.94 16.66 .500 6.00 .656 8 6.5 6.5 9.0 7.9 12.16 16.59 .500 7.00 .719 1	60.6 84.5
5         9.0         7.9         12.16         16.59         .500         7.00           2         7.9         12.25         8.13         .625         7.00           6         9.2         7.9         12.36         16.86         .500         5.00           2         8.1         4.9         12.44         12.72         .436         10.80           5         8.1         4.9         12.44         12.72         .436         10.80           6         9.2         7.6         13.25         16.66         .500         7.00           6         9.5         7.6         13.25         16.66         .500         6.00           6         9.5         7.6         13.25         16.66         .500         6.00           9.5         7.6         13.25         16.66         .500         6.00           1         9.3         13.75         16.72         .500         6.00           1         9.4         16.72         .500         9.00           1         10.1         16.66         .500         9.00           1         10.1         16.0         .500         9.00           1 <td>6 6.5 9.0 7.9 12.16 16.59 .510 7.00 .594 8  1 3.2 9.2 12.25 8.13 .625 7.01 1.125 5  1 6.6 9.2 8.1 4.9 12.44 12.72 .438 10.00 .719 5  2 6.6 9.2 7.7 12.59 16.66 .510 7.00 .719 5  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  7 8.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  8 6.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  8 6.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  9 6.6 9.8 7.2 13.91 16.66 .510 9.00 .719 6  7 6.6 9.9 7.2 14.13 16.86 .500 9.00 .719 10  7 7.1 10.1 8.9 14.44 16.72 .563 6.00 .719 10  7 6.6 10.0 7.0 14.47 16.72 .563 6.00 .719 10  7 6.6 10.0 7.0 14.47 16.72 .563 6.00 .719 10  7 7.2 10.4 8.6 15.16 18.72 .563 7.00 .779 10  7 8.6 10.6 6.6 15.88 16.72 .563 8.00 .719 10  7 8.7 10.9 8.4 15.38 18.72 .563 8.00 .719 10  7 8.7 10.9 8.4 16.13 19.00 .563 8.00 .719 10  7 8.3 10.9 8.4 16.55 18.88 .563 8.00 .719 10  7 8.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10  7 8.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10</td> <td>71.1 78.6</td>	6 6.5 9.0 7.9 12.16 16.59 .510 7.00 .594 8  1 3.2 9.2 12.25 8.13 .625 7.01 1.125 5  1 6.6 9.2 8.1 4.9 12.44 12.72 .438 10.00 .719 5  2 6.6 9.2 7.7 12.59 16.66 .510 7.00 .719 5  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  6 6.6 9.5 7.6 13.25 16.66 .510 7.00 .719 6  7 8.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  8 6.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  8 6.6 9.5 7.4 13.25 16.66 .510 4.00 .719 6  9 6.6 9.8 7.2 13.91 16.66 .510 9.00 .719 6  7 6.6 9.9 7.2 14.13 16.86 .500 9.00 .719 10  7 7.1 10.1 8.9 14.44 16.72 .563 6.00 .719 10  7 6.6 10.0 7.0 14.47 16.72 .563 6.00 .719 10  7 6.6 10.0 7.0 14.47 16.72 .563 6.00 .719 10  7 7.2 10.4 8.6 15.16 18.72 .563 7.00 .779 10  7 8.6 10.6 6.6 15.88 16.72 .563 8.00 .719 10  7 8.7 10.9 8.4 15.38 18.72 .563 8.00 .719 10  7 8.7 10.9 8.4 16.13 19.00 .563 8.00 .719 10  7 8.3 10.9 8.4 16.55 18.88 .563 8.00 .719 10  7 8.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10  7 8.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	71.1 78.6
6         9.1         3.2         12.25         8.13         .625         7.00         1           6         9.2         8.1         16.72         .520         6.00         6.00           9.2         8.1         16.72         .538         10.00         6.00           9.2         7.7         12.59         16.72         .438         10.00         7.00           9.0         6.0         12.59         16.72         .438         9.00         7.00         7.00           6         9.6         7.6         13.25         16.72         .438         9.00         7.00         9.00         7.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00<	6.6         5.2         3.2         12.25         8.13         .625         7.00         1.125         5.0           6.6         9.2         8.0         12.31         16.06         .500         6.00         .719         8           6.6         9.2         8.0         12.36         16.06         .500         .719         8           6.6         9.2         7.7         12.59         14.72         .438         10.00         .719         8           6.6         9.6         7.6         13.25         16.86         .500         .719         6         6.0         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         6         .719         .719         6         .719         .719         .719         .719         6         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719	71.5 61.6
6         9.1         7.9         12.31         16.72         .500         6.00           6         9.2         7.7         12.38         16.88         .500         5.00           9.2         7.7         12.59         16.66         .500         7.00           9.0         7.6         13.03         16.72         .438         9.00           9.5         7.6         13.25         16.66         .500         7.00           6         9.6         7.6         13.25         16.66         .500         6.00           9.5         7.6         13.31         14.72         .438         10.00         9.00           1         9.9         7.6         13.35         16.72         .500         6.00         9.00           2         4.4         13.25         16.66         .500         9.00         9.00         9.00           2         9.8         7.3         13.75         16.72         .500         9.00         9.00           1         10.1         14.0         16.72         .500         9.00         9.00           1         10.1         14.0         16.72         .500         9.00         9.00 <td>6 6.6 9.1 7.9 12.31 16.72 .500 6.00 .719 6 6.6 9.2 8.0 12.38 16.88 .500 5.00 .719 6 6.6 9.2 8.0 12.38 16.88 .500 5.00 .719 6 6.6 9.2 7.7 12.59 16.66 .500 7.00 .719 6 6.6 9.2 7.7 12.59 16.66 .500 7.00 .719 6 6.6 9.2 7.7 12.59 14.72 .438 10.00 .719 6 6 6.6 9.5 7.6 13.03 16.72 .500 7.00 .719 6 6 6 6.6 9.5 7.6 13.25 16.66 .500 7.00 .719 6 6 6 6.6 9.5 7.4 13.25 16.66 .500 7.00 .719 6 6 6 9.8 7.2 13.56 8.25 .688 7.00 .719 6 7 7 3.2 13.56 8.25 .688 7.00 .719 6 7 7 7 7 14.13 16.66 .500 8.00 .719 6 7 7 7 14.13 16.86 .500 8.00 .719 6 7 7 7 10.1 8.9 14.44 18.72 .563 6.00 .719 10 8 6 6 10.3 14.44 18.72 .563 6.00 .719 10 8 6 6 10.3 16.88 16.86 .500 9.00 .719 10 8 6 6 10.4 15.38 18.66 .563 8.00 .719 10 8 7 7 7 10.3 8.9 15.38 18.66 .563 8.00 .719 10 8 7 7 7 10.9 8 15.88 16.88 .500 9.00 .875 7 10 8 7 7 10.9 8 15.88 18.72 .563 8.00 .875 7 10 8 7 10.9 8 16.88 16.88 .500 9.00 .719 10 7 7 10 7 10 8 10 8 10 8 10 8 10 8 10</td> <td>30.3 46.9</td>	6 6.6 9.1 7.9 12.31 16.72 .500 6.00 .719 6 6.6 9.2 8.0 12.38 16.88 .500 5.00 .719 6 6.6 9.2 8.0 12.38 16.88 .500 5.00 .719 6 6.6 9.2 7.7 12.59 16.66 .500 7.00 .719 6 6.6 9.2 7.7 12.59 16.66 .500 7.00 .719 6 6.6 9.2 7.7 12.59 14.72 .438 10.00 .719 6 6 6.6 9.5 7.6 13.03 16.72 .500 7.00 .719 6 6 6 6.6 9.5 7.6 13.25 16.66 .500 7.00 .719 6 6 6 6.6 9.5 7.4 13.25 16.66 .500 7.00 .719 6 6 6 9.8 7.2 13.56 8.25 .688 7.00 .719 6 7 7 3.2 13.56 8.25 .688 7.00 .719 6 7 7 7 7 14.13 16.66 .500 8.00 .719 6 7 7 7 14.13 16.86 .500 8.00 .719 6 7 7 7 10.1 8.9 14.44 18.72 .563 6.00 .719 10 8 6 6 10.3 14.44 18.72 .563 6.00 .719 10 8 6 6 10.3 16.88 16.86 .500 9.00 .719 10 8 6 6 10.4 15.38 18.66 .563 8.00 .719 10 8 7 7 7 10.3 8.9 15.38 18.66 .563 8.00 .719 10 8 7 7 7 10.9 8 15.88 16.88 .500 9.00 .875 7 10 8 7 7 10.9 8 15.88 18.72 .563 8.00 .875 7 10 8 7 10.9 8 16.88 16.88 .500 9.00 .719 10 7 7 10 7 10 8 10 8 10 8 10 8 10 8 10	30.3 46.9
6         9.2         8.0         12.38         16.88         .500         5.00           2         7.6         12.44         12.72         .438         10.80           9.0         7.6         13.03         16.72         .438         9.00           9.0         7.6         13.25         16.86         .500         7.00           6         9.6         7.6         13.25         16.66         .500         6.00           6         9.6         7.4         13.25         16.72         .438         10.00           7         4.4         13.25         16.66         .500         6.00           8         7.2         13.56         8.25         .688         7.00           1         7.2         13.91         16.66         .500         8.00           1         9.9         7.2         14.44         18.72         .500         8.00           1         10.0         14.44         18.72         .500         8.00           1         10.0         14.44         18.72         .500         9.00           1         10.0         14.44         18.72         .500         9.00	4         5.6         9.2         8.0         12.38         16.88         .500         .500         .875         8           4         5.2         8.1         7.7         12.94         12.72         .438         10.80         .719         5           6         6.6         9.2         7.6         13.03         16.66         .500         7.0         .656           6         6.6         9.6         7.6         13.25         16.88         .500         6.00         .719         6           6         6.6         9.6         7.6         13.25         16.86         .500         6.00         .719         6         6         6         0         .719         6         6         6         0         .719         6         6         0         .719         6         6         0         .719         6         6         0         .719         6         6         0         .719         6         6         0         .719         6         0         .719         6         0         .719         6         0         .719         0         .719         0         .719         0         0         .719         0	72.2 83.0
2         8.1         4.9         12.44         12.72         -4.38         10.80           9.2         7.7         12.59         16.66         -5.00         7.00           9.6         7.6         13.25         16.86         -5.00         7.00           9.6         7.6         13.25         16.86         -5.00         6.00           9.7         7.4         13.25         16.86         -5.00         6.00           9.8         7.2         13.56         8.25         -6.86         7.00           1         9.9         7.3         13.75         16.72         -5.00         9.00           1         9.9         7.2         13.91         16.66         -5.00         9.00           1         9.9         7.2         13.91         16.66         -5.00         9.00           1         9.9         7.2         13.91         16.66         -5.00         9.00           1         10.0         14.44         18.72         -563         6.00           1         10.1         14.44         16.72         -563         6.00           1         10.3         14.44         16.72         -563 <td< td=""><td>4 5.2 8.1 4.9 12.44 12.72 .438 10.80 .719 5  6 6.6 9.2 7.7 12.59 16.66 .510 7.00 .719  8 6.6 9.5 7.6 13.25 16.88 .510 6.80 .719  8 6.6 9.5 7.6 13.25 16.88 .510 6.80 .719  8 6.6 9.5 7.6 13.25 16.86 .510 6.80 .719  9 6.6 9.8 7.8 13.25 16.66 .510 6.80 .719  9 6.6 9.8 7.2 13.56 8.25 .688 7.00 1.259  9 6.6 9.8 7.2 13.91 16.66 .510 9.00 .719  9 7.1 9.9 9.1 14.15 16.86 .510 9.00 .719  1 7.2 10.1 8.9 15.10 16.86 .510 9.00 .719  1 7.2 10.4 8.6 15.10 16.88 .510 9.00 .719  1 7.2 10.6 6.6 15.88 16.72 .510 9.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .656 10  1 7.3 10.9 8.1 16.81 16.66 .563 8.00 .719  1 7.3 10.9 8.1 16.65 .563 8.00 .719  1 7.3 10.9 8.1 16.65 .563 8.00 .719  1 7.3 10.9 8.1 16.55 18.88 .500 10.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719</td><td>12.7 82.9</td></td<>	4 5.2 8.1 4.9 12.44 12.72 .438 10.80 .719 5  6 6.6 9.2 7.7 12.59 16.66 .510 7.00 .719  8 6.6 9.5 7.6 13.25 16.88 .510 6.80 .719  8 6.6 9.5 7.6 13.25 16.88 .510 6.80 .719  8 6.6 9.5 7.6 13.25 16.86 .510 6.80 .719  9 6.6 9.8 7.8 13.25 16.66 .510 6.80 .719  9 6.6 9.8 7.2 13.56 8.25 .688 7.00 1.259  9 6.6 9.8 7.2 13.91 16.66 .510 9.00 .719  9 7.1 9.9 9.1 14.15 16.86 .510 9.00 .719  1 7.2 10.1 8.9 15.10 16.86 .510 9.00 .719  1 7.2 10.4 8.6 15.10 16.88 .510 9.00 .719  1 7.2 10.6 6.6 15.88 16.72 .510 9.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .719  1 7.3 10.9 8.1 16.85 .563 8.00 .656 10  1 7.3 10.9 8.1 16.81 16.66 .563 8.00 .719  1 7.3 10.9 8.1 16.65 .563 8.00 .719  1 7.3 10.9 8.1 16.65 .563 8.00 .719  1 7.3 10.9 8.1 16.55 18.88 .500 10.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719  1 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719	12.7 82.9
9.2         7.7         12.59         16.66         500         7.00           9.0         6.0         13.25         16.72         510         7.00           9.5         7.6         13.25         16.66         510         6.00           9.5         7.6         13.25         16.66         510         6.00           9.5         7.6         13.37         14.72         510         6.00           9.3         3.2         13.37         16.66         500         6.00           1         9.9         7.2         14.06         6.00         9.00           1         9.9         9.1         14.06         16.66         500         9.00           1         9.9         9.1         14.06         16.72         500         9.00           1         10.1         8.9         14.44         16.72         563         6.00           1         10.2         14.44         16.72         563         6.00           1         10.3         6.9         15.00         16.72         563         6.00           1         10.4         16.72         563         6.00           1         10.4	6 6.6 9.5 7.6 12.59 16.66 .510 7.00 .656 8 6.6 9.6 7.6 13.25 16.72 .438 9.00 .719 6 6.6 9.6 7.6 13.25 16.66 .510 6.00 .679 6 6.6 9.6 7.6 13.25 16.66 .510 6.00 .675 8 6.0 9.3 5.6 13.25 16.66 .510 6.00 .719 6 6.0 9.3 5.6 13.31 14.72 .438 10.00 .719 6 6 6 9.8 7.2 13.51 14.72 .438 10.00 .719 6 6 6 9.8 7.2 13.91 16.66 .510 9.00 .719 6 6 6 9.8 7.2 14.16 16.66 .510 9.00 .719 6 6 6 9.9 9.1 14.06 18.66 .500 9.00 .719 6 6 6 10.0 7.2 14.14 18.72 .563 6.00 .719 10 .656 10 7.2 10.3 6.9 15.00 16.72 .563 6.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 6.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 6.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 8.00 .719 10 7.2 10.6 8.6 15.8 16.72 .563 8.00 .719 10 7.2 10.6 8.6 15.8 16.72 .563 8.00 .719 10 7.3 10.9 8.3 16.25 18.8 .563 7.00 1.000 8.72 10 10.00 7.3 10.9 8.3 16.25 18.8 .563 7.00 1.000 7.19 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.0 10 7.0 10 7.3 10.9 8.4 16.59 18.72 .563 9.00 .719 10 7.2 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10 7.3 10	51.2 64.5
9.6         7.6         13.25         14.72         .45.0         9.0           6         9.5         7.6         13.25         16.86         .500         6.00           9.5         7.4         13.25         16.86         .500         6.00           9.3         5.8         13.31         14.72         .436         10.00           5.4         3.2         13.56         8.25         .688         7.00           6         9.6         7.3         13.75         16.72         .688         7.00           6         9.6         7.2         14.96         .500         9.00         9.00           7         9.9         7.2         14.13         16.86         .500         9.00         9.00           8         9.0         7.2         14.15         16.86         .563         6.00         9.00           8         10.0         14.47         16.72         .563         6.00         9.00           8         10.4         16.86         .500         7.00         9.00           8         10.4         16.87         .563         6.00         9.00           8         10.4         15.36	6 6.6 9.6 7.6 13.25 16.86 .510 6.00 .719 6 6.6 9.6 7.6 13.25 16.86 .510 6.00 .719 6 6.6 9.6 7.6 13.25 16.86 .510 6.00 .719 6 6.6 9.6 7.6 13.25 16.86 .510 6.00 .719 6 6.0 9.3 5.8 13.31 14.72 .438 10.00 .719 6 6.0 9.3 5.8 13.31 14.72 .438 10.00 .719 6 6.6 9.8 7.2 13.56 8.25 .688 7.00 1.250 5 7 6.6 9.8 7.2 13.91 16.66 .500 9.00 .719 6 6.7 9.9 7.2 13.91 16.66 .563 6.00 .719 6 6 6 7 9.9 7.2 14.13 16.86 .563 6.00 .719 6 6 6 7 9.0 10.875 6 10 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00 7.0 10.00	12.6 86.8
9.6       7.6       13.25       16.66       500       6.00         9.6       7.6       13.25       16.66       500       6.00         9.3       7.8       13.25       16.66       500       10.00         9.8       7.3       13.75       16.72       6.86       7.00         6       9.8       7.2       13.75       16.72       6.80       7.00         1       9.9       7.2       13.75       16.72       6.80       8.00         1       9.9       7.2       14.16       16.66       56.3       6.00         1       10.1       8.9       14.47       16.86       56.3       6.00         1       10.1       8.9       14.47       16.72       56.3       6.00         1       10.1       16.87       56.3       6.00       9.00         2       10.4       16.87       56.3       6.00       9.00         2       10.4       15.36       18.66       56.3       8.00         2       10.5       5.5       15.75       14.86       500       10.00         2       10.6       6.6       15.88       16.86       500	6 6.6 9.6 7.6 13.25 16.66 .500 6.00 .675 6.6 6.6 6.6 9.6 7.6 13.25 16.66 .500 6.00 .675 6.6 6.6 9.5 7.4 13.25 16.66 .500 6.00 .656 9.6 6.6 9.8 7.2 13.5 14.72 .430 10.00 .719 6.6 6.6 9.8 7.2 13.75 16.72 .680 7.00 1.250 5.7 6.6 9.8 7.2 13.75 16.66 .500 9.00 .719 6.6 9.8 7.2 13.75 16.66 .500 9.00 .719 6.6 9.7 9.9 7.2 14.13 16.66 .563 6.00 .656 10.0 7.2 14.13 16.80 .500 7.00 .719 10.7 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10.7 7.2 10.3 6.9 15.16 18.72 .563 6.00 .719 10.7 7.2 10.3 6.9 15.16 18.72 .563 6.00 .719 10.7 7.2 10.4 6.5 15.16 18.72 .563 6.00 .719 10.7 7.2 10.4 6.6 15.16 18.72 .563 6.00 .719 10.7 7.2 10.6 6.6 15.16 18.72 .563 8.00 .719 10.7 7.2 10.6 6.6 15.80 16.72 .563 8.00 .719 10.7 7.3 10.9 8.3 15.25 18.86 .563 9.00 .656 10.7 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.7 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.7 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.00 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10.00 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.00 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.00 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.00 7.3 10.00 7.3 10.9 8.3 16.25 18.86 .563 9.00 .719 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.00 7.3 10.0	1.76 6.10
9.5         7.4         13.25         16.66         .500         4.00           9.3         5.8         13.31         14.72         .438         10.00           9.8         7.2         13.75         16.72         .688         7.00           1         9.8         7.2         13.91         16.66         .500         8.00           1         9.9         7.2         13.91         16.66         .563         6.00           1         10.1         8.9         14.44         18.72         .563         6.00           1         10.1         8.9         14.47         16.72         .563         6.00           1         10.1         8.9         14.47         16.72         .563         6.00           1         10.1         16.0         .503         7.00         9.00           2         10.4         16.7         .503         7.00         9.00           2         10.4         15.36         18.66         .563         8.00           2         10.5         5.5         15.75         14.06         .503         8.00           2         10.6         6.6         15.88         16.86	6 6.6 9.5 7.4 13.25 16.66 .510 q.01 .556 16.6	05 74.6 93.7 71
9.3       5.6       13.31       14.72       .436       10.00         2       9.6       7.2       13.75       16.72       .686       7.00       10.00         6       9.6       7.2       13.91       16.66       .500       8.00         1       9.9       7.2       14.15       16.66       .563       6.00         1       10.1       8.9       14.44       18.72       .563       6.00         1       10.1       8.9       14.47       16.72       .563       6.00         2       10.3       6.9       15.10       16.86       .500       9.00         2       10.4       8.6       15.16       18.72       .500       9.00         2       10.4       16.87       .500       9.00         2       10.5       16.86       .563       8.00         2       10.5       16.86       .563       8.00         2       10.6       .563       8.00         3       16.86       .563       8.00         4       15.88       16.86       .503       8.00         5       10.8       16.86       .563       8.00 <td>6 6.0 9.3 5.6 13.31 14.72 .436 10.00 .719 6 7 3.2 5.4 3.2 13.56 8.25 .688 7.00 1.250 5 7 6.6 9.8 7.2 13.75 16.72 .500 8.00 .719 6 7 7.1 9.9 7.2 13.91 16.66 .563 6.00 .656 10 8 6.7 9.9 7.2 14.13 16.88 .500 7.00 .675 10 7 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10 7 7.2 10.3 6.9 15.16 18.72 .563 6.00 .719 10 7 7.2 10.4 8.6 15.16 18.72 .563 6.00 .719 10 7 7.2 10.5 8.4 15.36 18.66 .563 8.00 .719 10 7 7.2 10.6 6.6 15.38 16.72 .563 8.00 .719 10 7 7.2 10.6 8.2 15.19 16.72 .563 8.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.88 .500 9.00 .875 7 7 6.6 10.8 8.3 15.88 16.72 .563 8.00 .656 10 7 7 3 10.9 8.3 16.25 18.88 .563 9.00 .675 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10</td> <td>74.0</td>	6 6.0 9.3 5.6 13.31 14.72 .436 10.00 .719 6 7 3.2 5.4 3.2 13.56 8.25 .688 7.00 1.250 5 7 6.6 9.8 7.2 13.75 16.72 .500 8.00 .719 6 7 7.1 9.9 7.2 13.91 16.66 .563 6.00 .656 10 8 6.7 9.9 7.2 14.13 16.88 .500 7.00 .675 10 7 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10 7 7.2 10.3 6.9 15.16 18.72 .563 6.00 .719 10 7 7.2 10.4 8.6 15.16 18.72 .563 6.00 .719 10 7 7.2 10.5 8.4 15.36 18.66 .563 8.00 .719 10 7 7.2 10.6 6.6 15.38 16.72 .563 8.00 .719 10 7 7.2 10.6 8.2 15.19 16.72 .563 8.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.88 .500 9.00 .875 7 7 6.6 10.8 8.3 15.88 16.72 .563 8.00 .656 10 7 7 3 10.9 8.3 16.25 18.88 .563 9.00 .675 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10 7 7.3 10.9 8.3 16.25 18.88 .563 9.00 .719 10	74.0
2         5.4         3.2         13.56         8.25         .688         7.00         13           6         9.6         7.2         13.91         16.66         .500         8.00           1         9.9         7.2         14.05         16.66         .500         9.00           1         1.9.4         16.66         .500         7.00         7.00           1         10.1         8.9         14.44         18.72         .563         6.00           1         10.0         7.0         14.47         16.72         .500         9.00           7         10.3         6.9         15.00         16.72         .500         9.00           7         10.4         18.77         .500         9.00           8         6.9         15.10         16.00         9.00           8         15.39         18.66         .563         8.00           9.7         5.5         15.75         14.00         .500         10.00           10.6         6.6         15.88         16.00         .500         10.00           2         10.6         6.6         15.8         10.00         .500         10.00	7 3.2 5.4 3.2 13.56 8.25 .688 7.01 1.250 5 7 6.6 9.8 7.3 13.75 16.72 .511 8.81 1.250 5 7 6.6 9.8 7.2 13.97 16.66 .511 8.81 8.81 8.81 8.81 8.81 8.81 8.81	62.2 100.2
6         9.8         7.3         13.75         16.72         .500         8.00           1         9.8         7.2         13.91         16.66         .510         9.00           1         9.9         7.2         14.13         16.86         .501         9.00           1         10.1         8.9         14.44         18.72         .563         6.00           2         10.0         7.0         14.47         16.72         .503         6.00           7         10.3         6.9         15.10         16.72         .503         6.00           7         10.4         8.6         15.16         18.72         .503         8.00           8         10.4         16.72         .503         8.00           8         15.19         16.72         .503         7.00           8         15.36         18.66         .563         8.00           9.7         5.5         15.75         14.88         .500         10.00           10.6         6.6         15.88         16.86         .503         8.00           2         10.7         8.3         15.88         18.66         .563         8.00	9 6.6 9.8 7.2 13.975 16.72 .500 8.00 .719 8 6 6 6 9.8 7.2 13.91 16.66 .510 9.00 .656 8 6 6 6 6 9 6 7.2 13.91 16.66 .510 9.00 .656 10 .656 10 .656 10 .656 10 .656 10 .656 10 .656 10 .656 10 .72 14.13 16.86 .510 7.00 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10 .875 10	31.7 52.8
6         9.6         7.2         13.91         16.66         .500         9.00           7         9.9         9.1         14.06         18.66         .563         6.00           7         10.1         8.9         14.44         18.72         .563         6.00           6         10.0         7.0         14.47         16.72         .503         6.0           7         10.3         6.9         15.00         16.72         .503         6.0           7         10.4         8.6         15.16         18.72         .503         8.0           8         10.4         8.6         15.16         18.72         .503         8.0           8         16.72         .503         18.00         8.0         9.0           8         15.36         18.72         .503         10.0           9         7         5.5         15.75         14.86         .503         8.0           10.6         6.6         15.88         16.86         .503         9.0         9.0           2         10.7         8.3         15.88         18.72         .563         9.0           2         10.8         16.03<	7 6.6 9.8 7.2 13.91 16.66 .510 9.00 .656 8 6 6 7.1 9.9 9.114.16 18.66 .563 6.10 .656 10 6 6.7 9.9 9.1 14.16 18.66 .563 6.10 .656 10 .656 10 .7.1 10.1 8.9 114.44 18.72 .563 6.00 .7.19 10 .7.1 10.1 8.9 15.00 16.72 .510 9.00 .7.19 10 .7.2 10.4 8.6 15.10 16.72 .510 9.00 .7.19 10 .7.2 10.4 8.6 15.10 16.72 .510 10.00 .7.19 10 .7.2 10.5 8.4 15.38 16.72 .563 7.00 .7.19 10 .7.2 10.5 8.4 15.38 16.66 .563 8.00 .675 7 7 5.9 9.7 5.5 15.75 14.88 .510 9.00 .875 7 7 6.6 10.6 6.6 15.88 16.80 .510 9.00 .875 7 7 7.2 10.9 8.3 15.88 18.66 .563 9.00 .7.19 10 7.3 10.9 8.3 16.25 18.88 .563 7.00 10.00 .7.19 10 7.3 10.9 8.3 16.25 18.88 .563 9.00 .7.19 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 10 .7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 10 .7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 10 .7.3 11.0 8.0 16.59 18.72 .563 9.00 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10 .7.19 10	75.0 100.8
1 9.9 9.1 14.06 10.66 .563 6.00 7 9.9 7.2 14.13 16.88 .500 7.00 1 10.1 8.9 14.44 16.72 .563 6.00 7 10.3 6.9 15.00 16.88 .500 8.00 6 10.4 8.6 15.16 18.72 .563 7.00 6 10.5 8.4 15.38 10.66 .563 8.00 9 9.7 5.5 15.75 14.88 .500 10.00 6 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.66 .563 8.00 2 10.8 8.2 16.13 19.00 .563 9.00 3 10.9 8.3 16.25 18.88 .563 7.00	9 7.1 9.9 9.1 14.06 18.66 .563 6.00 .656 10 6.71 9.9 6.7 14.13 16.88 .510 7.0 7.0 .875 10 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 7.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 7.00 .719 10 7.2 10.4 8.6 15.16 18.72 .563 7.00 .719 10 7.2 10.5 8.4 15.39 16.72 .500 10.00 .719 10 7.2 10.5 8.4 15.38 18.66 .563 8.00 .719 10 7.2 10.6 8.2 16.03 18.66 .563 8.00 .875 7 7 6.6 10.6 8.2 16.03 18.66 .563 8.00 .779 10 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .875 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.	75.1 103.1
7 9.9 7.2 14.13 16.88 .510 7.00 1 10.1 8.9 14.44 18.72 .563 6.00 6 10.3 6.9 15.10 16.80 .510 9.00 7 10.4 8.6 15.10 16.80 .510 8.00 6 10.3 6.7 15.19 16.72 .563 7.00 7 10.5 6.4 15.30 18.66 .563 8.00 9 9.7 5.5 15.75 14.80 .510 10.00 6 10.6 6.6 15.88 16.88 .510 9.00 7 10.8 8.3 15.35 18.66 .563 8.00 3 10.9 8.4 16.13 19.00 .563 8.00 3 10.9 8.4 16.13 19.00 .563 6.00 3 10.9 8.4 16.13 19.00 .563 6.00	6 6.7 9.9 7.2 14.13 16.88 .510 7.00 .875 8 7.1 10.1 8.9 14.44 18.72 .563 6.10 .719 10 7 6.6 10.0 7 10.0 14.44 18.72 .563 6.10 .719 10 7 6.6 10.0 7 10.0 16.72 .563 6.10 .719 10 7 7 6.6 10.3 6.9 15.16 18.72 .563 7.00 .719 10 7 7 5.9 9.7 5.5 15.19 16.72 .563 7.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.88 .510 10.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.88 .510 10.00 .875 7 7 6.6 10.6 6.6 15.88 16.88 .500 10.00 .875 7 7 7 7 10.8 8.3 16.89 18.66 .563 6.00 1.000 10 10 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .875 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 10 7 7 10 10 7 10 7 10 7 10 7 10	86.5 94.3
1 100.1 8.9 14.44 18.72 .563 6.00   5 10.0 7.0 14.47 16.72 .500 9.00   7 10.3 6.9 15.10 16.08 .500 9.00   5 10.4 8.6 15.16 18.72 .563 7.00   5 10.5 6.7 15.19 16.72 .501 10.00   2 10.5 8.4 15.38 18.66 .563 8.00   5 10.6 6.6 15.88 16.88 .500 10.00   7 10.6 8.3 15.88 18.72 .563 8.00   7 10.9 8.3 16.25 18.88 .563 7.00   7 10.9 8.3 16.25 18.88 .563 7.00	7 7.1 10.1 8.9 14.44 18.72 .563 6.00 .719 10 7 6.6 10.0 7.0 14.47 16.72 .560 9.00 .719 8 5 6.7 10.3 6.9 15.10 16.72 .561 9.00 .719 8 7 7.2 10.4 8.6 15.16 18.72 .563 7.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.86 .501 10.00 .719 10 7 7 5.9 9.7 5.5 15.75 14.86 .501 10.00 .719 10 7 7 2 10.6 6.6 15.88 16.88 .501 9.00 .875 7 7 7 2 10.8 8.3 15.89 18.66 .563 9.00 .875 7 8 7.2 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 8 7.3 10.9 8.3 16.25 18.86 .563 9.00 .675 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	76.1 104.4
6     10.0     7.0     14.47     16.72     .500     9.00       7     10.4     6.9     15.00     16.08     .500     9.00       2     10.4     6.6     15.16     16.72     .501     7.00       2     10.3     6.7     15.19     16.65     .563     8.00       2     10.5     6.4     15.36     16.06     .500     10.00       9     7     5.5     15.75     14.06     .500     10.00       2     10.6     6.6     15.38     16.08     .500     9.00       2     10.8     8.2     16.03     10.66     .563     9.00       3     10.9     8.4     16.13     19.00     .563     9.00       3     10.9     8.3     16.25     18.88     .563     7.00	5 6.7 10.0 7.0 14.47 16.72 .510 9.00 .719 8 6 6.7 10.3 6.9 15.10 16.88 .510 8.00 .875 8 6 6 7 10.4 8.6 15.16 10.18.72 .563 7.00 .719 10 10.4 7 7.2 10.4 8.6 15.16 10.18.72 .563 7.00 .719 10 10 10.5 8.4 15.30 10.66 .563 8.00 .719 10 10 10 10 10 10 10 10 10 10 10 10 10	87.8 99.2
7 10.3 6.9 15.00 16.88 .500 8.00 2 10.4 8.6 15.16 18.72 .500 10.00 5 10.3 8.4 15.39 18.66 .563 8.00 9 9.7 5.5 15.75 14.88 .500 10.00 2 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.66 .563 8.00 2 10.8 8.2 16.13 19.00 .563 9.00 3 10.9 8.3 16.25 18.88 .563 7.00	6 6.7 10.3 6.9 15.00 16.88 .500 8.00 .875 8 6 7.2 10.4 8.6 15.16 18.72 .563 7.00 .779 10 10.8 10.3 6.9 15.19 16.72 .563 7.00 .779 10 10.8 10.3 6.7 15.3 18.66 .563 8.00 .656 10 .779 10 10 .779 10 10 .779 10 10 .779 10 10 .779 10 10 .779 10 10 .779 10 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 .875 10 10 10 10 10 10 10 10 10 10 10 10 10	76.2 109.7
2 10.4 8.6 15.16 18.72 .563 7.00 6 10.3 6.7 15.19 16.72 .500 10.00 9 9.7 5.5 15.75 14.86 .500 10.00 6 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.66 .563 8.00 3 10.9 8.4 16.13 19.00 .563 5.00 13 3 10.9 8.3 16.25 18.88 .563 7.00	4 7.2 10.4 8.6 15.16 18.72 .563 7.00 .719 10 2 6.6 10.3 6.7 15.19 16.72 .563 7.00 .719 10 7 7.2 10.5 6.4 15.38 10.66 .563 6.00 .675 7 7 6.6 10.6 6.6 15.88 16.88 .500 9.00 .875 7 2 7.2 10.7 8.3 15.88 18.72 .563 8.00 .779 10 7 7.3 10.9 8.4 16.13 18.66 .563 8.00 .719 10 7 7 3 10.9 8.3 16.25 18.88 .563 9.00 .655 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	77.4 115.0
6 10.3 6.7 15.19 16.72 .500 10.00 2 10.5 8.4 15.38 18.66 .553 8.00 9 9.7 5.5 15.75 14.88 .500 10.00 6 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.72 .563 8.00 3 10.9 8.4 16.13 19.00 .563 6.00 1 3 10.9 8.3 16.25 18.88 .563 7.00	2 6.6 10.3 6.7 15.19 16.72 .500 10.00 .719 8 5 7.2 10.5 8.4 15.38 18.66 .563 8.00 .656 10 7 5.9 9.7 5.5 15.75 14.88 .500 10.00 .875 7 7 6.6 10.6 6.5 15.88 18.72 .563 8.00 .779 10 2 7.2 10.8 8.2 16.03 18.66 .563 9.00 .656 10 0 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 1 7.3 10.9 8.3 16.25 18.88 .563 9.00 .875 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	89.8 109.0
2 10.5 6.4 15.36 10.66 .563 6.00 9 9.7 5.5 15.75 14.88 .500 10.00 6 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 10.72 .563 8.00 3 10.9 6.4 16.13 19.00 .563 6.00 1 3 10.9 8.3 16.25 18.88 .563 7.00	5 7.2 10.5 6.4 15.36 10.66 .563 6.00 .656 10 7 5.9 9.7 5.5 15.75 14.86 .501 10.01 .875 7 7 6.6 10.6 6.6 15.88 16.88 .501 9.01 .875 8 3 7.2 10.8 8.3 15.88 10.72 .563 9.01 .674 10 0 7.3 10.9 8.4 16.13 19.01 .563 6.01 1.000 10 1 7.3 10.9 8.3 16.25 18.86 .563 9.01 .675 10 8 7.3 11.0 8.0 16.59 18.72 .563 9.01 .719 10	77.2 118.5
9 9.7 5.5 15.75 14.88 .500 10.00 6 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.72 .563 8.00 2 10.8 8.2 16.03 18.66 .563 9.00 3 10.9 8.4 16.13 19.00 .563 6.00 1 3 10.9 8.3 16.25 18.88 .563 7.00	7 5.9 9.7 5.5 15.75 14.88 .500 10.00 .875 7 5.6 6.6 10.6 6.6 15.88 16.88 .500 9.00 .875 8 15.8 16.8 5.0 10.0 9.00 .875 8 15.2 7.2 10.9 8.2 16.03 10.66 .563 9.00 .656 10 1 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 11 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 15.5 11.0 8.0 16.59 18.72 .563 9.00 .719 10 10 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.00 11 10.0	90.2 112.4
2 10.6 6.6 15.88 16.88 .500 9.00 2 10.7 8.3 15.88 18.72 .563 8.00 2 10.8 8.2 16.03 18.66 .563 9.00 3 10.9 8.4 16.13 19.00 .563 6.00 1 3 10.9 8.3 16.25 18.88 .563 7.00	6.6 10.6 6.6 15.88 16.88 .500 9.00 .875 8 7.2 10.7 8.3 15.88 10.72 .563 8.00 .719 10 7.2 10.8 8.2 16.03 18.66 .563 9.00 .656 10 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 7.3 10.9 8.3 16.25 18.88 .563 7.00 .875 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	66.7 116.8
2 10.7 6.3 15.86 18.72 .563 8.00 2 10.6 6.2 16.03 18.66 .563 9.00 3 10.9 6.4 16.13 19.00 .563 6.00 1 3 10.9 8.3 16.25 18.88 .563 7.00	7.2 10.7 8.3 15.88 10.72 .563 8.00 .719 10 7.2 10.8 8.2 16.03 18.66 .563 9.00 .656 10 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 7.3 10.9 8.3 16.25 18.88 .563 7.00 .875 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	78.5 125.6 8
3 10.9 6.4 16.13 19.00 .563 9.00 13 10.9 8.3 16.25 18.88 .563 7.00	7.2 10.8 8.2 16.03 18.66 .563 9.00 .656 10 7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10 7.3 10.9 8.3 16.25 18.88 .563 7.00 .875 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10	91.6 118.8 9
3 10.9 6.4 16.13 19.00 .563 6.00 1 3 10.9 6.3 16.25 18.88 .563 7.00	7.3 10.9 8.4 16.13 19.00 .563 6.00 1.000 10.7.3 10.9 8.3 16.25 18.88 .563 7.00 .875 10.7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10. 5/16 in.	91.7 121.4
3 10.9 6.4 15.13 19.00 .563 5.00 1	7.3 10.9 8.3 16.25 18.88 .563 7.00 .875 10 7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 - 5/16 fn.	1000 0 100
3 10.9 8.3 16.25 16.88 .563 7.00	7.3 11.0 8.0 16.59 18.72 .563 9.00 .719 10 - 5/16 in.	93.0 120.3 1
	- 5/16 in.	92.9 122.9
3 11.0 8.0 16.59 18.72 .563 9.00	- 5/16	93.1 128.6 1

	S		8.60										15.27	15.44					19.08		19.08	18.89	19.08		15.44				25.21	25.11	54.89			54.89	54.89	25.21	31.69	31.81	31.69	32.06
******	FLANGE	THICK	.875	.719	1.000	.875	1.000	.875	1-125	.875	.875	1.125	.875	1.125	.875	1.125	.875	.875	1.125	.875	1.125	.875	1.125	.875	1.125	1,125	1.125	1.125	1.500	1.375	1.125	1.500	1.375	1.125	1.125	1.500	1.375	1.500	1.375	1.750
	7.	WIDTH	10-00	10.00	8-00	11.00	10.00	12.00	9.00	9-00	10-00	8-00	11.00	9-00	12-00	10-00	13.00	10-00	00-9	11.00	9-00	12.00	10-00	13.00	14.00	15.00	12-00	13.00	9-00	10-00	13.00	10.00	11.00	14.00	15.00	13.00	10.00	10.00	11-00	10.00
-	MEB	THICK	.500	.563	.563	. 563	.563	.563	.625	.688	.688	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.750	.688	.688	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000
*** BEA!		DEPTH	16.88	18.72	19.00	18.88	19.00	16.88	19.13	21.88	21.88	22.13	21.88	22.13	21.88	22.13	21.88	24.88	25.13	24.88	25.13	24.88	25.13	24.88	22.13	22,13	25.13	25.13	28.50	28.38	28.13	28.50	28.38	28.13	28.13	28.50	31.38	31.50	31.38	31.75
*****		AREA		-	18.13	19.75	20.13	20.63	21.38	22.31	23.19	23.44	54.06	24.56	76.42	25.69	. 25.81	26.75	27.00	27.63	28.13	28.50	28.25	29.38	30.19	31.31	31.50	32.63	37.13	37.38	38.25	38.63	38.75	39.38	40.50	43.13	43.75	45.00	45.13	47.50
		4F	6.3	7.7	7.7	7.1	7.0	9.9	7.2	9.2	8.9	9.0	8.6	8.7	8.4	9.4	8.1	10.4	10.5	10.1	10.2	9.9	9.8	9.6	7.3	7.1	9.2	9.0	11.2	11.0	10.6	10.8	10.7	10.3	10.1	9.6	12.7	12.5	12.4	12.1
		Y	10.9	11.3	11.6	15.1	12.3	12.4	12.2	13.0	13.3	13.4	13.6	13.8	13.8	14.1	14.1	14.6	14.9	15.1	15.3	15.3	15.6	15.6	15.1	15.4	16.2	16.5	17.6	17.7	17.8	18.0	18.0	18.1	18.4	19.0	19.0	19.3	19.3	19.9
		œ	9.9	7.3	7.3	7.3	7.3	7.2	7.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9.1	9.2	9.1	9.2	9.5	9.5	9.2	8.1	9.1	9.5	9.2	10.2	10.2	10.1	10.2	10.2	10.1	10.1	10.1	11.0	11.1	11,1	11.1
		INERTIA	862.5	1068.4	1126.7	1196.3	1220.8	1232.8	1274.8	1686.4	1751.6	1788.7	1812.5	1866.1	1869.5	1937-1	1922.6	2470.6	2518.0	2554.8	2625.6	2634.6	2726.2	2710.8	2174.7	2224.3	2907.2	2989.5	4145.7	4154.8	4209.3	4303.6	4597.4	4320.0	4424.2	4716.0	5680.3	5878.8	5873.7	6257.6
	MODULUS	ZFL	136.0	138.4	147.0	169.5	173.3	180.9	175.8	183.2	196.6	197.9	210.0	214.7	253.2	231.3	236.3	237.3	238.9	252.2	257.8	267.2	276.9	282.4	297.4	313.6	314.6	333.4	370.2	376.6	396.9	397.6	405.0	418.0	438.6	4.624	6.944	4.024	475.0	516.3
	SECT ION	ZPL	2.62	94.46	1.96	9.96	99.5	9.66	104.5	129.8	131.9	133.4	133.7	135.7	135.3	137.7	136.8	167.2	169.0	169.6	172.1	171.8	174.8	173.8	143.7	144.9	179.5	181.4	235.3	235.3	236.0	239.5	238.7	238.6	241.0	248.5	299.3	304.4	303.9	313.8
		HT/FT	56.95	58.85	61.64	67.15	68.44	70.14	72.69	75.85	78.85	79.70	81.80	83.50	84.80	87.35	87.75	90.95	91.80		95.64	96.90	99.45	69.66		106.45	-	110.94	9	-		•	=	133.89	137.70	146.64	148.75	153.00	3	161.50
		-	12 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	•	•	0X .563/1.000T	2X .563/ .875T	9X .625/1.125T	9x .688/ .875T	0X .688/ .875T	8X .688/1.125T	1X .688/ .875T	9x .688/1.125T	2X	1889° X0	.688/	•	.750/										- 5							3X .875/1.500T	30X10X1.000/1.375T	30×10×1.000/1.5007	30X11X1.000/1.375T	30X10X1.000/1.750T
		Z	16×10×	18×10×	18X 8X	18X11X	18X10X	18X12X	18X	21X		21X	21X11X	21X	21X12X	21×1	21X13X	24×10×	24X		24X	24X12X	24X10X	24X13X	21X14X	21 X 1 5 X	24X12X		27X	27 X1 0X	27X13X	27×10×	27X11X	27 X14X	27X15X	27X13X	30X1	30×1	30×1	30X1

0.3125 - 5/16 in.

		SECTION	NODUL US	5						MEB	MEB FLA	NGE	SHEAR
	HT/FT	ZPL		INERTIA	œ	YP	YF	AREA	4	THICK	-	THIC	AREA
	2.55	7.7	1.6	3	1.0	9.			3.19	.125	2-00	.188	**.
	•	10.6	2.2	8.3	1.4	•			7	.125	2.00	.188	.57
	•	8.1	2.1	6.0	1.1		5.9	1.06	.2	.188	2.00	.250	.68
	0	9.6	5.5		1.2	•		7		.188	2.00	.313	69.
	*	6.8	5.9	-	1.3					.188	3.00	.250	. 68
	9.	11.9	3.5	N	1.6					. 188	2-00	.313	.87
	•	14.4		17.4	1.9	1.2		1.44	5.25	.188	2.00	.250	1.05
	M7	15.0		19.7			4.3	2		.188	2-00	.313	1.06
	•	18.3			2.3	1.6	5.1			.188	2-00	.313	1.25
		18.7		31.9		1.7	6.4	•		. 188	3.00	.250	1.24
	6.80	13.2	5.9	19.1	1.9	1.4	3.2	•		.188	<b>*</b> 00	.313	.87
	7.00	19.4		36.1		1.9		-	•	.188	3.00	.313	1.25
	7.45	16.7	7.6	29.5	2.3	1.8	3.9			.188	4-00	.313	1.06
	0	20.2	9.6	45.6	2.1	2.1	4.5	2.38	6.31	.188	00-4	.313	1.25
	~	17.0	8.2	32.0	2.3	1.9			5.44	.250	3.00	.438	1.45
	-	22.9		52.8		2.3			7.31	.250	3.00	.313	1.91
	.5			46.1						.250	3.00	.438	1.70
				58.1					7.38	.250	3-00	.375	1.93
	-	.9	11.8	7004	3.3	2.7	6.0	5	8.31	.250	3.00	.313	2-16
	~	23.8		2.09			5.1		7.31	.250	4.00	.313	1.91
	3	24.1		63.0				-	7.44	.250	3.00	.438	
	9	27.2		77.0	3.4			-	8.38	.250	3.00	.375	2.18
	11.05	27.5	14.1	900			5.7		8.31	.250	4-00	.313	2.16
	2	27.8	14.4	83.3	3.5	3.0		3.31		.250	3.00	.438	2.20
	4.	21.4	13.4	55.3						.250	5.00	.375	1.68
	6.	28.2	15.8	88.3		3.1	9.6		6.38	.250	-	.375	2.18
	.3	25.2	16.0	15.4		3.0				.250	0	.375	1.93
	.5	21.9	15.1	60.5		2.8				.250	0	.438	1.70
	2.7	58.9	17.6	96.1		3.3	5.5	3.75	*	.250	0	.438	2.20
	:	29.0	18.6	0.66	3.7	3.4			8.38	.250	2.00	.375	2.18
438T	13.40	25.7	17.9	82.2		3.2		6	7.44	.250	0	.438	1.95
		22.3	1:	66.5		3.0		4.13	6.44	.250	0	.438	1.70
.438T	14.25	9.62	20.8	107.3	3.7	3.6	2.5	7		.250	0	.438	2.20
	9.	35.5	6	117.8		3.6		4.31	6	.313	0	.375	3.04
		26.2		90.		3.4			-	.250	6.00	.438	1.95
	5.5	33.2	:	126.8		3.8	9.0		4.6	.313	0	.438	3.06
	2.5	36.4	2	147.6	4.2	4:1	2.9		10	.313	0	.375	3.36
	5.7	30.2	;	117.4	3.8	3.9	6.4	4.63		.250	0	.438	2.20
	5.9	33.4	2	130.4	4.0	3.9	5.8		9.3	.313	5.00	.375	3.04
	6.3	33.9	3.	35.			5.8	4.81	9.5	.313	0	.500	3.08
	5	37.3	24.3	158.5	4.3	4.3	6.5	4.88	10.4	.313	4.00	.438	3.38
	7.0	37.5	5	62.	4.4				10.	.313	0	.375	3.36
	7.2	36.5	2	77			5.7	5.06	6	.313	4.00	.563	-
	7.6	38.1		0	4.4			6.5	10.5	.313		.500	M
	8.0			75	4.4		6.2		10.4	.313	5.00	.438	m

,	~	3.0	8	2	'n	3.	m	2.	3	3	;	2	m	8	j	ż	j	2	3.	;	;	ň	;	;	*	* .	<b>;</b> .	; .	, ,	; ;	3.5	4.8	4.0	6.5	6.5	4.8	*	•	6.9	1.	•	0 4		;
THIC	25	24	.50	.50	643	.50	.56	.56	.50	.50	94.	.56	• 56	.50	.53	94.	. 59	.62	• 56	. 65	.53	.56	94.	. 59	.56	n a	ø.	3 4	o u	.531	-	9	.59	.53	.59	. 65	. 59	.53	•			- 4		3
I		9				0	0	0	0	0	4.00	0	9	0	0	2.00	0	0	0	0	5.00	8.00	6.00		8.00	9-00	2.00		9 C	7.00	7.00	0	-	2.00			0	0	5.00	9	9	200	9	•
H THICK WIDT	212	313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	. 313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375	175	375	M	37	.375	.438	.438	.375	.375	.438	4	2 .	3	3 6	245	.203
FPT			a c	S	-	5	5	2	5	5	3	5	S	5	2.5	3	2.5	1.6	5	5.6	2.5	9.5	3	2.5	2	5	. 0	* 4	0 4	: 2	7.7	9	5	2	5	9	5	.5	• •		ċ	. "	•	•
RF		5.44	9	9													•	7.00						1.47	9	9	•	•	•	8.22		3.	9.	~	•	-	~	m.	9.41					
YF		2.4																3.8			7.0	4.6	6.9	6.9	5.1	2.9	9.9	•		4.9	3.6								2.					
A.A	4.4	4		3.9					5.1																	2.9													7.2		•			
~	4	,		3.4	4.5	4.2	4.6	3.4	4.6		2.0			4.6	5.1	5.1	2.5	3.4	4.7	2.5	2.5	4.3	2.5	5.3	4.7	5.0	5.5	5.5		2	3.4	5.4	5.4	5.8		5.4	5.4	2.9	9.				4.5	
THERT	•	53.	86.	106.1	9	63.		12.			251.5					275.3				291.7			296.8		244.1		320.6			335.2	35.	346.0	52.		m	.69	12.	50.		•	27		: -	21.
ZFL		28.3			2	:	3.	6	5	5	33.5	3		6	•			2	3		:	45.8	3	;	48.1	9	:	10.0		52.3	37.2	;	9	2	2		2		59.1	;	N	:.	200	:
ZPL	4	34.9	39.1	27.5	39.2	35.6	39.8	27.9	40.0	36.2	47.3	32.3	40.6	40.7	48.2	48.8	49.1	28.9	41.3	6.64	1.64	37.2	6.64	50.5	41.8	50.9	51.3	50.0	64.7	51.8	30.2	55.5	52.6	61.3	62.4	53.4	53.4	62.8	63.4	31.6	63.9	20.40	12.5	:
1/17			6		.6	6	:			:	:	-	2	2	2	*	3	3	;	;	÷	;	;	3	2	•	•			27.95			6	6	:		:	31.65		32.74	,	, .	44.80	;
75	56.2T	1838T	.500T	.500T	.4381	.500T	. 563T	.563T	.500T	.500T	1694·	. 563T	.563T	.500T	.5311	1694.	. 594T	.625T	.563T	.656T	.531T	. 563T	1694.	1965.	.563T	-5317	1959	1694.	D U	5317	.750T	.656T	1465.	.531T	1465·	.656T	. 594T	. 5317	.6561	16/00	1965	1617		-
NAL SIZ		313/	.313/	31	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.3757	1515	130	375/	.438/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	1006.	.438	130		6
NIMON	**	ě X		X	6x	X9 X6	2X	×							2x 4x	36											× 2 ×	X/ X2		2x 7x			2X 7X		_						19 X4	XC X4		

SHEAR	•	•	•	3	9	9	9	3	•	9		9	•	•	'n	9	•	•	5	•			2 0			-	9	5	•	•	2		-	•	10	-	=	-	•	=	=	=	=	=
3	THICK	• 656	*65*	.656	.719	9699	.594	1.000	.594	.719	•656	969.	.594	.719	.719	.719	• 656	.594	1.125	.719	.875	.719	710	719	.875	.656	.719	1.250	.719	.656	• 656	. 675	7.0	875	.719	.719	969.	.875	.875	.719	969.	1.000	.875	.719
FLA	•	9													6		•	7.0	2.0	9	2.0	10.00		7	6.0	8.0	:		8.0	9.0	9	2.	•		7.0	10.	8.0	10.0	9.0	3	9.0		2	9.0
WEB	THICK	.438	.438	.375	.438	.438	.438	. 563	.500	.438	.500	.438	.500	.500	.438	.438	.500	.500	•625	. 500	.500	. 438	438	200	.500	.500	.438	.688	.500	.500	. 563	• 500	. 263	200	.563	.500	.563	. 500	.500	.563	.563	. 563	.563	.563
	EPT	.0	4.5	5.6	4.7	4.6	4.5	-	10	-	9		10		~	~	9.9	10	-	6.7		12.72			8	9	~	~	16.72	9	9				-		9			8.7	9.8	19.00	8.8	-
1	ARE	0	2	*	*			6		7			5	11.59	~		9	-	N	m	n.	12.44	ש מ	10	N	N	m	13.56	-	0	3	-	14.44	-		-	2	5.7			•	6.1	2	
	4.2											6.8						8.2				2.5			8.0			3.4	7.6				7.5									8.8		8.3
	•																																		: :			6						
	œ	6.0													5.3							200																						
	INERTIA	493.3	505.2	408.6	513.4	524.6	529.8	161.0	610.9			553.1	653.1	58.	2	575.5	:	95.	173.7	•	- 1	453.9	602.6	0 0	67.	758.9	627.1	186.3	788.8	794.2	913.3	814.9	946.6	857.7	1001.5	858.8	1014.8	699.7	1.969	1052.4	090	1082.9	085.	.660
LUS		9.99	4.69	73.6	9.02	74.1	76.3	46.5	68.7	78.8	72.4	81.5	76.4	76.1	19.8	86.8	80.8	84.0	20.6	85.3	85.3	86.9	7.60	94.5	96.3	97.5	102.9	54.8	103.6	105.9	96	107.3	102.0	118.2	12	121.7	15.	20.	29.	122.0	54.	123.6	56.	32.
SECTION	ZPL	6.49	65.2	24.8	62.9	66.2	66.3	33.0	75.9	67.1	77.1	67.3	77.9	78.3	57.3	2.89	1.62	19.6	34.4	80.3	60.0	57.9	200	82.0	82.9	82.3	6.69	35.9	83.5	83.6	95.3	84.6	96.9		98.9	85.8	99.3	74.5	87.3	100.8	101.0	102.3	102.2	102.4
	1/17	50	4.95	5.39	2.50	6.45	6.99	7.20	7.30	7.94	8.35	69.8	o	39.41	σ	40.39	0	-	~	41.85	60.24	42.30	10.24	46.30	45.05	45.05	45.25	46.10	46.75	47.29	-		49.10			51.65	2	3	3.	3.	;	j	2	•
		.656T	1965.	.656T	.719T	.656T	•		. 594T	.719T	.656T	.656T	1465.	.719T	.719T	.719T	.656T	•		191	1578	.7191	7197	7197	.8751	.656T	.719F	•	-719T	.656T	.6561	1975	1617	AZET	7917	7197	.656T	.875T	.875T	1617.	.656T	•	-	.7191
	S						1984	_										2005	_			4387	438/		2007	2007		-			63/	2007	5637		563/	2007	563/	2007				-		. 563/
	HON	<b>8</b>	×	×		×	×	×	2×	×	2X				-			×	×	× 1	24	10x	3		8×	8 X	10x	×	×	×6	× 1	×	× ×	*	X .	10x	X	×				×9	×	X6
		14X	14×	12X	14×	14×	14×	×	16X	14X	16×	14X	16X	16X	12X	14×	16X	16X	*	16X	16×	777	1 6 X	16x	16X	16X	14X1	×	16X	16X	18×	16x	101	16.	18×	16×	18X	14X1	16×	18×	18X	18×	18×	1.5 ×

1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900			SECTION	MODULUS						DEAN	MEB WEB	FLA	ANGE	SHEAR
1.00	NOMINAL SIZE	HT/FT	74Z	ZFL	INERTIA	œ	Y	4	AREA	DEPTH		WIDTH	THICK	AREA
1.00		56.95	88.3	139.8	932.0	8.9	10.6	6.7	16.75	16.88		10-00	.875	8.61
18. 563.4.0101 6.6.6 106.4 176.9 120.7 7.4 11.0 7.4 12.0 7.4 12.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0 7.5 14.0	18X10X .563/ .719T	58.85	103.9	142.1	1144.1	7.4	11.0	8.1	17.31	18.72		10.00	.719	10.73
15. 563. 6751         65.44         109.5         174.0         7.4         13.0         7.4         13.0         5.5         11.00         563         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	18X 8X .563/1.800T	61.64	106.4	150.9	1207.0	7.5	11.3	8.0	18.13	19.00		8.00	1.000	10.89
0.8         7.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         1.8         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5         0.5 <td></td> <td>67.15</td> <td>108.4</td> <td>174.0</td> <td>1283.7</td> <td>1.4</td> <td>11.8</td> <td>7.4</td> <td>19.75</td> <td>18.88</td> <td></td> <td>11.00</td> <td>.875</td> <td>10.82</td>		67.15	108.4	174.0	1283.7	1.4	11.8	7.4	19.75	18.88		11.00	.875	10.82
2X		68.44		178.0	1310.2	1.4	12.0	1:4	20.13	19.00		10-00	1.000	10.89
90. 625-14.257 72.69 144-3 180-6 1353-2 7-4 11.9 7-5 21.38 19.13 .625 9.00 1.125   91. 626-14.257 72.69 144-3 180-6 1375-2 7-4 11.9 7-5 21.38 19.13 .656 9.00 1.00   92. 606-14.257 72.69 140-6 127-2 1956-8 8-4 11.9 7-5 22.31 21.08 6.68 10.00   93. 606-14.257 72.69 144-4 215-2 1952-8 8-4 13.1 9.2 23.4 21.88 6.68 11.00   94. 606-14.257 72.69 144-4 215-1 1975-8 8-4 13.5 9.0 24.55 22.13 6.68 11.00   95. 606-14.257 8-5 140-9 227-1 1975-8 8-4 13.5 9.0 24.55 22.13 6.68 11.00   95. 606-14.257 8-5 140-9 237-0 2055-4 8-4 13.5 9.0 24.55 22.13 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 26.45 21.8 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 26.45 21.8 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 26.45 21.8 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 26.45 21.8 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 12.8 6.68 11.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 10.2 10.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 10.2 10.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 13.8 8-7 10.2 10.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 10.4 25-13 1.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 10.4 25-13 1.00   97. 606-14.257 8-7 140-9 237-0 2055-4 8-4 10.4 25-13 1.00   97. 606-14.257 8-4 10.4 10.4 10.4 10.4 10.4 10.4 10.4 10.		70.14		185.7	1323.8	7.4	12.1		20.63	16.88		12.00	.875	10.82
9x	×6	72.69		180.6	1363.2	1.4	11.9	7.5	21.38	19.13		9.00	1.125	12.17
0x	1889. X6	75.85		187.8	1786.9	8.3	12.7	9.5	22.31	21.88		9.00	.875	15.29
18. 56687.1257 79.70 144.4 203.0 1095.8 6.4 13.1 9.3 23.4 5.21.3 .688 6.80 11.00 10.95   18. 56687.1257 83.5 146.9 277.0 1978.9 6.4 13.5 9.0 24.5 6 22.13 .688 9.80 11.00   28. 56687.1257 87.5 146.9 277.0 2955.4 6 6.3 13.6 6.7 24.9 5.2 13.8 .688 11.00 11.125   28. 56687.1257 87.7 146.9 277.0 2955.4 6 6.3 13.6 6.7 25.6 9 22.13 .688 11.00   28. 56687.1257 91.9 11.0 24.2 277.0 2955.4 6 7.2 5.6 9 22.13 .688 11.0   28. 56687.1257 91.9 11.0 24.6 2601.4 9.3 13.6 6.4 25.0 1 21.8   28. 56687.1257 91.9 11.0 24.6 2601.4 9.3 13.6 6.4 25.0 22.13 .688 11.0   28. 75987.1257 91.9 11.0 24.6 2601.4 9.3 13.6 6.4 27.6 75.7 24.8   28. 75987.1257 91.9 11.1 2.2 24.9 2601.4 9.3 14.8 10.8 27.6 75.7 24.8   28. 75987.1257 91.9 11.0 2.2 24.9 2601.4 9.3 15.8 10.8 27.6 25.9 2.1 3 .6 9 .0 11.125   28. 75987.1257 95.9 10.1 10.1 2.2 24.9 2.0 10.8 2.0 10.8 2.0 10.0 10.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0		78.85	142.7	201.5	1856.8	8.3	13.0	9.2	23.19	21.88		10-00	.875	15.29
1X	.688/	79.70	144.4	203.0	1895.8	9.4	13.1		23.44	22.13		8.00	1.125	15.46
9x 660/11257 63.50 146.8 220.1 1978.9 0.4 13.5 9.0 24.56 22.13 .688 9.00 1.125 2x 660/ 6757 84.60 146.4 220.7 1903.6 0.3 13.6 0.7 25.69 22.13 .688 10.00 1.125 3x 660/ 6757 87.35 140.9 27.0 225.7 8.4 8.4 13.8 0.4 25.69 22.13 .688 10.00 1.125 3x 660/ 6757 97.39 140.0 27.20 226.7 8.4 13.8 0.4 25.69 22.13 .688 10.00 1.125 3x 660/ 6757 97.9 17.9 22.2 242.9 2201.4 9.3 14.6 10.0 27.00 25.13 .750 8.00 1.125 3x 660/ 6757 91.80 101.1 244.6 250.0 250.1 9.3 14.6 10.0 27.00 25.13 .750 8.00 1.125 3x 750/ 6757 91.80 101.1 244.6 250.0 250.1 9.3 14.6 10.0 27.00 25.13 .750 9.0 11.125 2x 770/ 6757 95.64 101.0 22.0 2775.5 9.3 15.0 10.2 20.13 25.13 .750 10.0 1.125 2x 770/ 6757 99.69 104.2 2.73.4 2775.5 9.3 15.0 10.2 20.13 25.13 .750 10.0 1.125 2x 770/ 6757 99.69 104.2 2.73.4 2775.5 9.3 15.0 10.2 20.2 20.2 20.3 17.0 12.0 1.125 2x 770/ 6757 102.6 25.3 266.3 266.5 9.3 14.9 7.6 30.19 22.13 .750 10.0 1.125 2x 770/ 6757 102.6 25.3 266.3 266.5 9.3 14.9 7.6 30.19 22.13 .750 10.0 1.125 2x 770/ 6757 102.6 25.3 34.7 2212.0 0.3 14.9 7.6 30.19 22.13 .750 11.0 1.125 2x 770/ 6771 1257 102.6 324.3 265.7 36.4 15.9 9.5 31.5 26.5 13.0 1.125 2x 770/ 6771 1257 102.6 324.3 375.6 10.3 17.6 11.3 37.3 26.3 3.7 3 10.1 25.1 3.0 1.125 2x 770/ 6771 1257 10.0 49.2 324.4 44.2 7.1 3.1 17.4 11.3 37.3 26.3 3.7 36.0 11.2 20.0 1.125 2x 770/ 6771 1257 10.0 49.2 24.0 44.0 3 44.0 3 17.4 11.3 37.3 26.3 3.7 3 10.0 1.125 2x 770/ 670/ 670/ 670/ 670/ 670/ 670/ 670/	21X11X .688/ .875T	81.80	-	215.2	1922.2	8.3	13.3		24.06	21.68		11.00	.875	15.29
2X         6864         6757         88.80         146.4         228.7         1983.6         6.3         13.6         6.7         24.94         21.0         6.0         12.00         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         12.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         6.0         13.0         13.0         6.0         13.0         6.0         13.0         13.0         13.0         13.0	X6	83.50	146.	220.1	1978.9	4.0	13.5		24.56	22.13		9.00	1.125	15.46
*** **********************************	21X12X .688/ .875T	84.80	-	228.7	1983.6	8.3	13.6		24.94	21.88		12.00	.875	15.29
3X .604/ .0757 0775 140.0 242.0 2040.7 0.3 13.0 0.4 25.01 21.00 .600 13.00 .0757 07.5775 07.92 242.0 2601.4 9.3 14.6 10.0 25.13 .750 0.00 .0759 0.00 .0759 0.00 .0759 0.00 10.1 20.00 10.1 24.6 10.0 25.13 .750 0.00 11.125 0.00 10.1 20.1 0.0 10.1 20.1 0.0 10.1 20.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0.0 10.1 0		87.35	-	237.0	2055.4		13.8		25.69	22.13		10.00	1.125	15.46
0x         7501         00.95         179.2         242.9         2611.4         9.3         14.5         10.7         26.75         24.0         75.0         00.0         75.0         10.0         75.0         00.0         11.2         25.0         25.0         9.3         14.6         10.6         27.0         25.13         75.0         00.0         11.2         25.0         00.0         11.2         25.0         00.0         11.2         25.0         00.0         11.2         25.0         00.0         11.2         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0         25.0		87.75	-	242.0	2040.7	8.3	13.8	4.8	25.81	21.88		13.00	.875	15.29
BX . 750/1.1257         91.80         181.1         244.6         2660.9         9.3         14.6         10.0         25.13         . 750         6.0           IX . 750/. 4875         93.4         181.6         256.0         25.13         . 750         18.7         18.7         18.0         6.7         18.2         18.2         18.2         25.3         18.2         18.2         26.3         26.0         9.3         15.1         10.2         26.13         . 750         12.00         4.0         575         12.00         . 675         12.00         . 675         12.00         . 675         12.00         . 675         12.00         . 675         12.00         . 675         12.00         . 675         12.00         . 675         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2	.750/	90.95	179.2	242.9	2601.4		14.5	10.7	26.75	24.88		10.00	.875	18.92
1X .750/ .6757 93.94 161.0 250.0 2690.6 9.3 14.0 18.4 27.63 24.06 .750 11.00 .675  2X .750/ .6757 95.90 184.2 275.5 1 9.3 15.0 10.5 28.13 .750 9.00 1.125  2X .750/ .6757 96.90 184.2 275.5 275.5 1 9.3 15.0 10.5 28.13 .750 10.00 1.125  XX .750/ .6757 96.90 186.3 268.6 2757.5 1 9.3 15.3 10.1 29.25 25.13 .750 10.00 1.125  XX .750/ .6757 1 99.69 186.3 268.6 2856.6 9.3 15.3 9.9 22.38 24.6 .750 11.00 1.125  XX .750/ .6757 102.65 155.3 324.7 212.0 8.3 14.9 7.6 30.19 22.13 .688 14.00 1.125  XX .750/ .1257 106.45 156.5 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125  XX .750/ .1257 106.45 156.2 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125  XX .750/ .1257 106.45 156.2 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125  XX .750/ .1257 106.45 156.2 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125  XX .750/ .1257 110.94 194.3 374.0 3152.6 10.9 33.25 28.13 .750 13.00 1.125  XX .875/ .3757 131.75 252.8 410.3 4492.7 10.3 17.4 11.5 37.13 26.50 .875 11.00 1.375  XX .875/ .3757 131.75 252.8 410.3 4492.7 10.3 17.8 11.0 38.75 28.38 .875 14.00 1.125  XX .875/ .1257 131.75 252.8 410.3 4492.8 10.3 17.8 11.0 38.75 28.38 .875 14.00 1.125  XX .875/ .1257 131.75 252.8 410.3 4492.8 10.3 17.8 11.0 34.5 28.38 .875 14.00 1.100 1.125  XX .875/ .1257 131.75 252.8 410.3 4492.8 10.3 17.8 11.0 34.5 28.13 .875 14.00 1.125  XX .875/ .1257 148.7 314.8 45.5 2.7 426.4 4517.7 10.3 17.8 11.0 34.5 28.13 .875 14.00 1.100 1.125  XX .875/ .1257 148.7 314.8 45.7 426.4 4517.7 10.3 17.8 11.0 34.5 5 28.13 .875 14.00 1.000 1.375  XX .875/ .1257 148.7 314.8 345.2 5 608.0 10.1 43.13 25.5 10.0 1.000 1.375  XX .875/ .1257 153.4 319.6 479.1 649.8 11.2 12.7 45.00 31.5 10.00 1.000 1.375  XX .875/ .1257 153.4 319.1 483.8 6199.5 11.2 12.4 47.5 0 31.75 1.000 1.750  XX .875/ .1257 153.4 319.1 483.8 26.3 11.0 31.2 12.4 47.5 0 31.7 12.4 47.5 0 31.7 12.0 11.0 1.750	.750/	91.80	181.1	244.6	2650.9		14.6	10.8	27.00	25.13		8-00	1.125	19.11
9x		93.94	181.8	258.0	2690.6	9.3	14.8	18.4	27.63	24.88		11.00	.875	18.92
2X         750/ .0757         96.90         184.2         2775.5         9.3         15.1         10.2         28.50         24.66         .750         12.00         .887           0X         .750/ .1257         99.45         187.3         2872.6         9.3         15.3         10.1         29.25         25.13         .750         12.00         .875           4X         .668/1.1257         106.45         155.3         304.7         2312.0         6.3         14.9         7.6         30.00         15.0         10.00         .875           5X         .668/1.1257         106.45         156.5         321.7         306.6         9.4         15.9         9.5         31.3         22.13         .688         14.00         1.125           5X         .668/1.1257         106.45         9.4         15.9         9.5         31.3         26.13         .688         14.00         1.125           5X         .668/1.1257         306.6         9.4         15.9         9.5         31.3         26.13         26.8         14.00         1.125           5X         .698/1.1257         10.00         45.0         10.0         10.0         10.0         10.0         10.0         <	3K	95.64	184.4	263.9	2765.1	9.3	15.0	10.5	28.13	25.13		9.00	1.125	19.11
UX         **** ********************************		96.90	184.2	273.4	2775.5		15.1	10.2	28.50	24.88		12.00	.875	18.92
3X .750/ .8757 99.89 186.3 286.8 2856.6 9.3 15.3 9.9 29.38 24.80 .750 13.80 .875 4x .680/1.1257 102.65 155.3 304.7 2312.0 6.3 14.9 7.6 310.19 22.13 .688 14.00 1.4.25 2x .750/1.1257 106.45 156.3 321.7 2312.0 6.3 14.9 7.6 31.31 22.13 .688 14.00 1.4.25 2x .750/1.1257 106.45 156.2 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.4.25 3x .750/1.1257 110.94 194.3 341.0 3152.6 9.4 15.9 9.2 32.63 25.13 .750 12.00 1.4.25 3x .750/1.1257 110.94 194.3 377.9 4332.6 10.3 17.4 11.5 37.13 26.50 .875 9.00 1.500 1.4.25 3x .875/1.1257 127.9 249.3 377.9 4332.6 10.3 17.4 11.5 37.3 26.50 .875 9.00 1.500 1.25 3x .875/1.1257 127.0 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9		89.45	187.3	283.3	2872.0	4.6	15.3	10.1	29.25	25.13		10.00	1-125	19.11
4x 666/1.125T 102.65 155.3 304.7 2312.0 8.3 14.9 7.6 30.19 22.13 .688 14.00 1.125 5x 686/1.125T 106.45 156.5 321.3 2365.7 8.2 15.1 7.4 31.31 22.13 .688 15.00 1.125 2x 750/1.125T 106.45 196.5 121.3 231.3 236.5 7 8.2 15.1 7.4 11.5 31.50 25.13 .750 12.00 1.125 3x 750/1.125T 110.94 194.3 341.0 3152.6 9.3 16.2 9.5 32.63 25.13 .750 12.00 1.125 9x 875/1.357 127.09 249.3 377.9 4332.6 10.3 17.4 11.5 37.13 28.50 .875 9.00 1.500 0x 875/1.375T 127.09 249.2 384.4 4342.7 10.3 17.4 11.5 37.13 28.50 .875 10.00 1.375 3x 875/1.375T 127.09 249.2 384.4 4542.7 10.3 17.4 11.3 37.36 26.38 .875 10.00 1.375 0x 875/1.375T 131.34 253.3 405.9 4498.7 10.3 17.6 10.9 38.25 28.13 .875 10.00 1.375 0x 875/1.375T 131.75 252.8 410.3 4498.7 10.3 17.6 10.9 38.55 26.50 .875 11.0 10.125 0x 875/1.25T 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 11.0 10.125 5x 875/1.25T 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 11.0 10.125 0x 875/1.25T 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 11.0 10.125 0x 875/1.25T 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 11.0 10.1071 0x1.000/1.500T 153.40 319.6 479.1 610.4 3 11.2 19.1 12.7 45.00 31.50 10.0 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.750 10.2 10.1 12.7 12.4 47.50 31.75 1.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.		69.66	186.3	288.8	2856.6	9.3	15.3	6.6	29.38	24.88		13.00	.875	18.92
5x .680/1.1257 106.45 156.5 321.3 2365.7 8.2 15.1 7.4 31.31 22.13 .688 15.00 1.125 2x .750/1.1257 107.10 192.2 321.7 3164.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125 3x .750/1.1257 107.10 194.3 377.9 4352.6 9.4 15.9 9.5 31.50 25.13 .750 13.00 1.125 9x .875/1.5057 126.24 249.3 377.9 4352.6 10.3 17.4 11.5 37.13 28.50 .875 9.00 1.125 9x .875/1.3757 127.09 249.2 384.4 4342.7 10.3 17.4 11.3 37.38 28.38 .875 10.00 1.125 9x .875/1.257 130.05 259.0 405.0 405.0 10.3 17.4 11.3 37.38 28.38 .875 10.00 1.125 9x .875/1.2757 131.75 252.8 410.3 4498.7 10.3 17.6 10.9 38.25 28.38 .875 11.00 1.125 9x .875/1.1257 133.89 252.7 426.4 4497.7 10.3 17.8 11.1 38.75 28.38 .875 11.00 1.125 9x .875/1.1257 137.70 255.2 447.4 4627.5 10.2 16.1 10.3 40.50 28.13 .875 14.00 1.125 9x .875/1.1257 146.6 263.0 489.0 493.5 10.2 16.1 10.3 40.50 28.13 .875 14.00 1.125 9x .875/1.1257 146.75 314.3 455.2 5898.0 11.2 18.8 13.0 4575 31.38 1.000 11.00 11.375 9x .875/1.3757 153.4 319.1 403.8 6099.5 11.2 12.4 47.50 31.38 1.000 11.00 11.00 11.750 9x .875/1.3757 153.44 319.1 403.8 6099.5 11.2 12.4 47.50 31.75 1.000 11.000 11.750 9x .875/1.3757 153.44 319.1 403.8 6099.5 11.2 12.4 47.5 131.75 1.000 11.000 11.750		102.65	155.3	304.7	2312.0	8.3	14.9	1.6	30.19	22.13		14.00	1.125	15.46
2x .750/1.1257 107.10 192.2 321.7 3064.8 9.4 15.9 9.5 31.50 25.13 .750 12.00 1.125 3x .750/1.1257 110.94 194.3 341.0 3152.6 9.3 16.2 9.2 32.63 22.63 .750 12.00 1.125 3x .750/1.1257 110.94 194.3 377.9 4332.6 10.3 17.4 11.3 37.85 28.59 .875 19.00 1.125 0x .875/1.3751 127.09 249.2 384.4 4342.7 10.3 17.4 11.3 37.86 28.38 .875 10.00 1.375 3x .875/1.3751 127.09 249.2 384.4 4342.7 10.3 17.6 10.9 38.25 28.13 .875 13.00 1.375 1x .875/1.3751 131.75 252.8 410.3 4402.8 10.3 17.8 11.1 38.53 28.59 .875 11.00 1.375 4x .875/1.3751 131.75 252.7 426.4 4517.7 10.3 17.8 11.1 38.63 28.13 .875 11.00 1.375 5x .875/1.1271 137.70 255.2 447.4 4627.5 10.2 16.1 10.3 40.50 28.13 .875 11.00 1.225 3x .875/1.1271 137.70 255.2 447.4 4627.5 10.2 16.1 10.3 40.50 28.13 .875 11.00 1.375 0x1.000/1.3751 146.6 263.0 489.0 493.0 11.2 18.8 13.0 43.75 31.38 1.000 10.00 1.500 0x1.000/1.3751 153.44 143.8 6099.5 11.2 12.4 47.50 31.38 1.000 10.00 1.575 0x1.000/1.3751 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 11.00 11.750		106.45	156.5	321.3	2365.7	8.2	15.1	7.4	31.31	22.13		15.00	1.125	15.46
3X .750/14.1257 110.94 194.3 341.0 3152.6 9.3 16.2 9.2 32.63 25.13 .750 13.00 1.125 9X .875/14.257 126.24 249.3 377.9 4.532.6 10.3 17.4 11.5 37.13 28.50 .875 9.00 1.500 0X .875/14.277 127.09 249.2 387.9 4.532.7 10.3 17.4 11.5 37.13 28.50 .875 10.00 1.375 3X .875/14.277 127.09 249.2 384.4 4.342.7 10.3 17.6 10.9 38.25 28.13 .875 13.00 1.225 0X .875/14.277 130.05 240.0 440.0 10.3 17.8 11.0 38.25 28.13 .875 11.00 1.225 0X .875/14.277 131.34 253.3 405.9 4492.8 10.3 17.8 11.0 38.75 28.30 .875 11.00 1.375 1X .875/14.277 133.89 252.7 426.4 4517.7 10.3 17.8 11.0 38.75 28.3 .875 11.00 1.375 5X .875/14.277 137.70 255.2 447.4 4627.5 10.2 18.1 10.3 40.50 28.13 .875 15.00 1.125 3X .875/14.277 134.3 455.2 447.4 4627.5 10.2 18.1 10.3 40.50 28.13 .875 15.00 1.275 0X1.000/1.375 146.75 314.3 455.2 5898.0 11.2 18.8 13.0 43.75 13.00 1.375 0X1.000/1.375 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 10.00 1.375 0X1.000/1.375 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 10.00 1.375 0X1.000/1.375 153.44 319.1 483.8 6099.5 11.2 12.4 47.50 31.75 1.000 10.00 1.750		167-10	192.2	321.7	3064.8		15.9	9.5	31.50	25.13		12.00	1.125	19.11
9x 875/1.500T 126.24 249.3 377.9 4332.6 10.3 17.4 11.5 37.13 28.50 .875 9.00 1.500 1.500 1.8 875/1.375 127.09 249.2 384.4 4342.7 10.3 17.4 11.3 37.36 28.36 .875 10.00 1.375 3X 875/1.375 127.09 249.2 384.4 4342.7 10.3 17.4 11.3 37.36 28.36 .875 13.00 1.375 13.00 1.375 13.00 1.00 1.375 13.00 1.00 1.375 13.00 1.375 13.00 1.375 13.375 131.375 252.8 410.3 4492.8 10.3 17.8 11.0 38.75 28.38 .875 11.00 1.375 14.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 14.00 1.375 13.00 1.375 14.30 1.00 1.00 1.375 13.00 1.375 14.30 1.00 1.00 1.375 13.00 1.375 14.30 1.00 1.00 1.375 13.00 1.375 14.30 1.00 1.375 13.00 1.375 14.30 1.00 1.00 1.375 13.00 1.375 14.30 1.00 1.00 1.00 1.375 13.00 1.375 14.30 1.00 1.00 1.375 13.00 1.375 13.00 1.375 13.00 1.300 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.300 1.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 1.00 1.00 1.00 1.375 13.00 1.375 13.00 1.375 13.00 1.300 1.00 1.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.300 1.300 1.300 1.300 1.375 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.375 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300	3×	110.94	194.3	341.0	3152.6		16.2	3.6	32.63	25.13		13.00	1.125	19.11
.875/1.3757 127.09 249.2 384.4 4342.7 10.3 17.4 11.3 37.38 28.38 .875 10.00 1.375 .875/1.3757 127.09 249.2 384.4 4342.7 10.3 17.6 10.9 38.25 28.13 .875 13.00 1.125 .875/1.3017 131.34 253.3 405.9 4490.7 10.3 17.6 10.9 38.25 28.13 .875 13.00 1.125 .875/1.3757 131.34 253.3 405.9 4490.7 10.3 17.6 11.0 36.75 28.38 .875 11.0 10 1.375 .875/1.1257 131.34 252.2 4410.3 4490.7 10.3 17.9 10.6 39.38 28.13 .875 14.00 1.125 .875/1.1257 137.70 255.2 447.4 4517.7 10.3 17.9 10.6 39.38 28.13 .875 14.00 1.125 .875/1.1257 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.257 148.75 314.3 455.2 5898.0 11.2 18.8 13.0 43.13 28.50 .875 13.00 1.375 11.000/1.3757 153.00 319.6 479.1 610.4 319.7 12.7 45.00 31.50 10.00 10.00 1.375 1.000/1.3757 153.44 319.1 403.8 6099.5 11.2 19.7 12.4 47.50 31.75 1.000 10.00 1.750 1.750 1.000/1.7507 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750	×6	126.24	249.3	377.9	4332.6	10.3	17.4	11.5	37.13	28.50		9-00	1.500	25.24
.875/11257 130.05 250.0 405.0 4401.0 10.3 17.6 10.9 38.25 28.13 .875 13.00 1.125 .875/1.570 131.34 253.3 405.9 4490.7 10.3 17.6 10.9 38.25 28.50 .875 11.0 1.520 .875/1.570 131.34 253.3 405.9 405.9 405.9 10.3 17.8 11.1 38.63 28.50 .875 11.0 0 1.570 .875/1.375 131.75 252.2 410.3 4492.7 10.3 17.8 11.0 38.75 28.38 .875 11.0 0 1.375 .875/1.275 133.89 252.7 426.4 4517.7 10.3 17.8 10.3 10.5 0 28.13 .875 14.0 1.125 .875/1.257 137.70 255.2 447.4 4627.5 10.2 16.1 10.3 40.50 28.13 .875 15.0 1.125 .875/1.501 146.64 263.0 489.0 4933.5 10.3 16.8 13.0 43.13 28.50 .875 13.00 1.500 1.500 1.000/1.3751 148.75 314.3 455.2 5898.0 11.2 19.1 12.7 45.0 31.50 1.000 10.0 0 1.575 1.000/1.3751 153.44 319.1 403.8 6099.5 11.2 19.1 12.6 45.50 31.75 1.000 11.0 0 1.575 1.000/1.7501 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 10.00 1.750		127.09	2.642	384.4	4345.7		17.4	11.3	37.38	28.38		10-00	1.375	25.13
.875/1.5007 131.34 253.3 405.9 4498.7 10.3 17.8 11.1 38.63 28.50 .875 10.00 1.500 .875/1.375 131.75 252.8 410.3 4492.8 10.3 17.8 11.0 38.75 28.38 .875 11.0 11.375 .875/1.257 133.89 252.7 426.4 4517.7 10.3 17.9 10.6 39.38 28.13 .875 11.0 11.375 .875/1.257 137.70 255.2 447.4 4627.5 10.2 16.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.2507 146.64 253.0 489.0 4933.5 10.2 18.8 13.13 28.50 .875 13.00 1.500 1.500 1.000/1.3757 148.75 314.3 455.2 5898.0 11.2 18.8 13.0 43.75 31.38 1.000 10.00 1.500 1.500 1.000/1.3757 153.04 319.6 479.1 6104.3 11.2 19.1 12.7 45.00 31.50 1.000 10.00 1.500 1.000/1.3757 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 1.000/1.3757 153.44 319.1 483.8 11.3 19.7 12.4 47.50 31.75 1.800 10.00 1.375 1.000/1.7507 151.50 1.000/1.7507 151.50 1.000 10.00 1.750		130.05	250.0	405.0	4401.0		17.6	10.9	38.25	28.13		13-00	1.125	24.91
.675/1.3757 131.75 252.8 410.3 4492.8 10.3 17.8 11.0 36.75 28.38 .875 11.00 1.375 .875/1.3757 133.89 252.7 426.4 4517.7 10.3 17.9 10.6 39.36 28.13 .875 14.00 1.125 .875/1.1257 137.70 255.2 447.4 4627.5 10.2 18.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.3701 146.64 263.0 4893.5 10.2 18.8 11.0 11.4 10.3 40.5 10.3 40.5 13.00 1.500 1.25 .805/1.3757 14.8 75 314.3 455.2 5898.0 11.2 18.1 12.0 43.75 31.38 1.000 10.00 1.375 1.000/1.3757 153.4 319.6 479.1 6104.3 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 1.000/1.3757 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 1.000/1.3757 153.44 319.1 10.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750		131.34	253.3	405.9		10.3	17.8	11:1	38.63	28.50		10.00	1.500	25.24
.875/1.1257 133.89 252.7 426.4 4517.7 10.3 17.9 10.6 39.38 28.13 .875 14.00 1.125 .875/1.1257 137.70 255.2 447.4 4627.5 10.2 18.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.507 146.64 263.3 495.2 447.4 4627.5 10.2 18.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.507 146.75 314.3 455.2 5898.0 11.2 18.8 10.1 43.75 31.38 1.000 1.375 148.75 153.00 319.6 479.1 610.3 11.2 19.1 12.6 45.13 31.38 1.000 10.00 1.375 1.000/1.3757 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 1.000/1.7507 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750		131.75	252.8	410.3			17.8	11.0		28.38	.875		1.375	25.13
.875/1.1257 137.70 255.2 447.4 4627.5 10.2 10.1 10.3 40.50 28.13 .875 15.00 1.125 .875/1.5007 146.64 263.0 489.0 493.5 10.3 18.8 10.1 43.13 28.50 .875 13.00 1.500 1.000/1.3757 148.75 314.3 455.2 5898.0 11.2 19.1 12.7 45.00 31.50 10.00 10.00 1.375 1.000/1.3757 153.00 319.6 479.1 610.4 11.2 19.1 12.7 45.00 31.50 1.000 10.00 1.500 1.000/1.3757 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.77507 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 10.00 1.750		133.89	252.7	456.4			17.9	10.6	-	28.13	.875		1.125	24.91
.075/1.5007 146.64 263.0 489.0 4933.5 10.3 18.8 10.1 43.13 28.50 .075 13.00 1.500 1.000/1.3757 148.75 314.3 455.2 5898.0 11.2 18.8 13.0 43.75 31.38 1.000 10.00 1.375 1.000/1.3757 153.44 319.1 483.8 6104.3 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.575 1.000/1.3757 153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 1.000/1.7507 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.800 10.00 1.750		137.70	2555	447.4			18.1	10.3	10	28.13	.875		1.125	24.91
148.75 314.3 455.2 5898.0 11.2 18.8 13.0 43.75 31.38 1.000 10.00 1.375 153.00 319.6 479.1 6104.3 11.2 19.1 12.7 45.00 31.50 1.000 10.00 1.500 153.44 319.1 463.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.800 10.00 1.750		146.64	263.0	0.695	4933.5		18.8	10.1	_	28.50	.875	0	1.500	25.24
153.00 319.6 479.1 6104.3 11.2 19.1 12.7 45.00 31.50 1.000 10.00 1.500 153.44 319.1 483.6 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750 0.3438 - 11/32 in.	1X1 0X1. 000/1.375T	148.75	314.3	455.2	5898.0	11.2	18.8	13.0	-	31.38	1.000	0	1.375	
153.44 319.1 483.8 6099.5 11.2 19.1 12.6 45.13 31.38 1.000 11.00 1.375 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750 0.3438 - 11/32 in.	IX10X1.000/1.500T	153.00	319.6	479.1	6104.3	11.2	19.1	12.7	0	31.50	1.000	0	1.500	
07 161.50 329.3 525.7 6498.1 11.3 19.7 12.4 47.50 31.75 1.000 10.00 1.750 0.3438 - 11/32 in.	1X11X1.000/1.375T	153.44	319.1	483.8	.66	11.2	19.1	12.6	45.13	31.38	1.000	11-00	1.375	31.72
3438 - 11/32	X10X1.000/1.750T	161.50	6	255.1	6498.1	11.3	19.7	15.4	47.50	31.75	1.000	10.00	1.750	
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	SHEAR	AREA	24.	20.	. 43	94.	39	60	24.	94	. 40	60	. 82	:	24	;	**	28	98	00.	24	. 89	:	11	. 82	98	24	*	60	29	. 53		26	60	98	.53	.55	68	98	.53	. 59	113	.55	.61	60	.72	
	SHE		*			2	3	'n	'n	2	m	'n	•	~	m	'n	ż	j	j	m	ň	j	;	m	j	ż	'n	;	ż	•	m .	• •		•	•	ف	9	j	j	۰	ó	;	•	•	;	j	
*******	ANGE	THICK	.563	.438	.500	.500	.436	.500	.563	.563	.500	.500	.469	.563	. 563	.500	.531	694.	.594	.625	.563	.656	.531	. 563	.469	.594	.563	.531	.656	. 469	9	.234	.750	.656	.594	.531	165.	.656	. 594	.531	.656	.875	.594	.719	.656	1.000	
S	4	WIDTH	\$ . B	9.00	5.00	7.00	6.00	6.00	2.00	:-	6.00	7.00		7.00	6.00	2.5	4.00	2.5	;	7.80	7.0	:	2.00	8-60	6.00	2.11	9-0		2.0	2.0	2.0		2.00	9	2.80	2.00	2.10	2.00	8-00	9	2.1	7.00	9.00	2.00	:	9.	
DIMENSION	ME8	THICK	.313	.313	.313	.313	.313	.313	c 313	.313	.313	.313	.375	. 313	.313	.313	.375	.375	.375	.375	. 313	.375	.375	.313	.375	.375	.313	.375	.375	.375	.430	2362	638	.375	.375	.438	.438	.375	.375	.438	.438	.500	.438	.438	.375	.563	
** BEAN		DEPTH	10.56	*	10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	12.47	9.56	10.56	10.50	12.53	15.47	15.59	7.63	10.56	15.66	12.53	9.56	15.47	15.59	10.56	12.53	15.66	12.47	7.69	12.59	7.75	12.66	12.59	14.53	14.59	15.66	12.59	14.53	14.66	7.88	14.59	14.72	15.66	8.00	
*******		AREA	5.38	5.44	5.63	69.5	5.75	5.81	5.94	6.13	6.13	6.31	6.38	9.44	6.50	6.63	6.63	9.94	6.88	7.00	7.06	7.13	7.16	7.31	7.31	7.47	7.63	69.	7.78	7.78	2.88		8.31		99.9	8.78	60.6	60.6	9.25	9.31	9.41	9.63	69.6	9.72	9.75	9.94	
		YF	9.9	2.1	4.9	4.2	6.3	9.6	6.3		6.1	5.3	7.8	4.6	6.5	2.8	7.7	7.5	7.6	;	2.1	1.5	7.4	6.4	7.2	7.2	2.4	7.0	7.1	6.9	3.9			9.9	9.9	9.4	8.2	4.9	6.3	1.0	9.1	3.8	7.9	8.0	6.1	3.9	
		Y	F. 3	4:1	4.5	3.6	4.6	F. 3	4:1	3.6	•••	4.6	5.0		5.0	5.1	2.5	5.3	2.4	-	5.3	5.5	5.5	2.0	2.6	2.1	5.5	2.9	2.9	2.9	;		, ,	6.3	4.9	6.5	2.9	9.9	2.9	9.9	6.9	4.5	7.1	7.1	6.9	4.5	
		~	4.5		4.5	3.4	4.5	4.2	4.6	3.4	4.6	4.2	5.0	3.9	4.7	*:	5.1	2.5	2.5	4.6	4:1	5.3	2.5	4.3	5.3	5.3		5.3	2.4	5.3	4.		4	5.4	5.4	2.9	5.9	5.5	5.5	9.0	9.0	3.4	9.0	6.1	5.5	3.4	
		INERTIA	192.0	164.7	200.7	115.1	204.3	176.4	213.2	122.7	218.7	189.6	268.8	159.7	232.2	234.9	284.0	594.9	298.8	131.7	248.2	312.8	312.2	214.4	318.6	328.5	265.1	337.7	344.8	340.5	140.5	355.0	167.3	373.1	380.3	449.1	4.0.4	399.5	405.8	482.7	491.7	161.9	506.3	511.7	422.5	165.1	
	HODOLUS	ZFL	29.1	28.9	31.4	27.1	32.6	31.8	34.1	29.7	35.9	35.8	34.3	34.5	39.1	40.3	36.6	39.3	39.4	32.7	44.0	41.7	45.4	43.7	14.2	45.5	49.1	48.0	48.5	1.64	35.6	51.6	38.1	55.5	57.7	53.6	57.1	62.0	63.8	29.9	9.09	43.1	64.1	64.0	68.7	45.3	
	SECT ION	14Z	66.3	40.1	44.0	31.7	6.44	40.0	45.5	35.2	45.7	41.5	53.6	37.1	46.5	46.5	24.6	22.5	92.6	33.1	47.2	5.95	56.3	45.7	9.95	57.2	47.9	57.6	58.1	57.7	34.1	20.0	36.6	\$9.4	9.65	68.8	20.0	60.5	60.5	20.5	71.1	36.0	71.7	72.1	61.4	36.9	
		MT/FT	18.29	18.50	19.14	19.35	19.55	19.75	20.20	18.82	20.84	21.45	21.69	21.90	22.10	22.54	55.54	23.26	23.39	23.80	24.00	54.24	24.34	54.85	54.85	25.40	25.94	26.15	26.45	26.45	26.79	27.05	28.25	28.70	29.44	29.85	30.91	30.91	31.45	31.65	31.99	32.74	35.95	33.05	33.15	33.80	
		32	.563T	.438T	. 500T	.500T	.438T	. 500T	. 563T	.563T	.500T	. 500T	1694.	. 563T	. 563T	. 500T	. 531T	1694·	. 594T	.625T	. 5631	.656T	. 531T	. 563T	1694.	1965.	. 5637	.531T	.6567	1694	-6887		7501	.656T	.594T	.531T	1965.	.656T	. 594T	-531T	.656T	.87 ST	. 594T	•	.656T	:	
		S	313/		13/	13/	13/	13/	13/	13/	13/	313/			13/	313/	121	121	121														430/						375/			2007		188		53/1	
		Z											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
		NON																																						¥ 9×							
			10×	6	=	-	=	6	10	-	=	•	12	•	=	-	15	12	12	~	-	12	12	•	12	12	-	15	12	21	-	10	1	12	12	-	=	12	12	14×	:	-	:	-	12	-	

PAGE 120 INFRITA R PP PF AREA DEPTH THICK WIDTH FIG. 1 529.6 6.1 7.3 7.6 10.00 14.6 6.436 6.20 14.6 6.436 6.20 14.6 6.436 6.20 14.6 6.436 6.20 14.6 6.436 6.20 14.6 6.436 6.20 14.6 6.20 14.6 6.436 6.20 14.6 6.20 14.6 6.436 6.20 14.6 6.20 14.6 6.436 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.20 14.6 6.2	THE THE TABLE AND THE PROPERTY OF THE PROPERTY CONTRINSION	THE THE FIRE THE TABLE AND THE PRINCE WITH THICK HITCH THE PRINCE TO THE PRINCE TO THE PRINCE THE P			101 102	311 11100						BEAN	ä	·	*****	94200	
7.2.4   573.5   6.1   7.3   7.0   10.0   14.6   4.30   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0   6.0	7.2.4   573.5   6.1   7.5   7.6   10.6   14.6   4.38   6.0   6.5   6.5   7.5   7.6   10.6   14.6   4.38   6.0   7.5   6.5   7.5   7.6   10.6   14.6   4.38   6.0   7.5   6.5   7.5   7.6   10.6   14.5   7.5   6.5   7.5   7.6   10.6   14.5   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   10.6   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5   7.5	6 6 2 5 5 5 6 6 1 7 3 7 0 10 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1	35.0	101	761	-	۰	9	A.E	œ	DEPTH	THICK		3 -	ABEA	
77.1   75.3   74.5   5.1   7.4   7.5   10.2   14.5   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8   7.8	77.1   539.5   6.1   7.4   7.6   10.20   14.59   4.30   7.01   559.5   7.1   5.9   7.5   10.41   14.72   4.30   7.01   5.9   6.5   7.1   5.9   7.5   10.41   14.72   6.3   7.01   6.5   7.5   10.41   14.72   6.3   7.01   6.5   7.5   10.41   14.72   6.3   7.01   6.5   7.5   10.41   14.72   6.3   7.01   6.5   7.5   10.41   14.72   6.5   7.01   6.5   7.5   10.97   6.5   7.01   7.2   7.5   10.97   6.5   7.01   7.2   7.2   10.97   6.5   7.01   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7.2   7	71.1   539.5   6.1   7.4   7.6   10.20   14.59   .530   7.00   .594   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553   .553	20 7	72		68.2	529.6	6.1	7.3			14.66	638	6.00	969	6.59	
75.3         543.6         5.5         7.1         5.9         10.41         12.66         .375         9.00         .656           72.4         551.6         6.1         7.6         7.6         10.75         .438         6.00         .676           75.1         6.1         7.7         7.3         10.94         .458         7.00         .678           77.5         17.7         7.3         10.94         .609         .503         7.00         .696           77.5         17.7         7.2         10.97         .609         .500         .600         .594           77.5         5.6         7.7         7.3         11.16         14.75         .500         .600         .894           78.5         5.6         7.7         9.1         11.16         14.66         .438         .600         .594           78.5         5.7         11.16         14.66         .438         .600         .719         .719         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .710         .7	75.3         \$43.6         \$-5.7         7.4         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-6.1         \$-	72.4 943.6 5.5 7.1 5.9 10.41 12.66 .375 9.01 .656 .875 7.1 5.9 10.41 12.66 .375 9.01 .656 .826 .838 7.8	34.95 73	73	-	71.1	539.5	6.1	7.4			14.59	.438	7.00	.594	6.55	
72.4         551.6         6.1         7.5         7.6         10.4         14.72         .438         6.0         .75           7.5.4         551.6         6.1         7.7         7.3         10.0         6.0         .75         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         <	72.4         951.6         6.1         7.5         7.6         10.44         14.72         .438         6.0         .75         7.6         10.44         14.72         .438         6.0         .75         9         1.0         .65         .6.0         .75         9         1.0         .65         .6.0         .77         9         1.0         .65         .6.0         .77         9         1.1         1.0         .65         .79         .6.0         .73         1.0         .6.0         .79         .6.0         .73         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .6.0         .79         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .70         .	72.4 556 6.1 7.5 7.6 10.44 14.72 4.30 6.00 7.79 7.5 7.5 10.04 14.72 4.30 6.00 7.5 7.5 7.5 7.5 10.04 14.72 4.30 6.00 7.5 7.5 7.5 7.5 10.04 14.5 7.3 7.3 10.04 14.5 7.3 7.3 10.04 14.5 7.5 7.5 7.5 10.04 14.5 7.5 7.5 7.5 10.04 14.5 7.5 7.5 7.5 10.04 14.5 7.5 7.5 7.5 10.04 14.5 7.5 7.5 7.5 7.5 10.04 14.7 7.5 7.5 10.04 14.5 7.5 7.5 7.5 7.5 7.5 10.04 14.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	39 6	62	-	-	443.6	5.5	7.1		4.	12.66	.375		.656	69.4	
75.9         564.1         6.1         7.6         7.4         10.7         14.66         .436         7.0         6.0         6.5         7.0         10.9         6.0         6.0         7.0         6.0         6.0         7.0         6.0         7.0         6.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0 <th< td=""><td>75.9         564.1         6.1         7.6         7.6         14.66         .438         7.0         .656.1         7.6         7.6         14.59         .650         7.0         .650         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0</td><td>75.9 564.1 6.1 7.6 7.4 10.72 14.66 .438 7.00 .556 1 7.0 1.0 1 7.0 1 10.5 1 7.0 1.0 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 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.651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0         .651.0	75.9 564.1 6.1 7.6 7.4 10.72 14.66 .438 7.00 .556 1 7.0 1.0 1 7.0 1 10.5 1 7.0 1.0 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 10.5 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 1 7.0 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7	73.		72.4	551.6	6.1	7.5			14.72	.438	6.00	11	6.61	
7 78.1         5 70.0         6.1         7.7         7.3         11.0         1.6         9.43         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         7.3         11.1         10.0         6.0         6.0         6.0         7.0         9.1         11.2         10.0         6.0         6.0         6.0         7.0         9.1         11.2         10.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.2         78.1         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2         78.2 <th< td=""><td>78.1 77.0 6.1 7.7 7.3 10.28 4.59 .438 6.10 .594 67.6 65.8 65.8 65.8 65.8 65.8 7.7 9.2 10.97 16.59 .503 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00</td><td>45 7</td><td>74.</td><td>2</td><td>15.9</td><td>564.1</td><td>6.1</td><td>7.6</td><td></td><td>1.</td><td>14.66</td><td>.438</td><td>7.00</td><td>.656</td><td>65.9</td><td></td></th<>	78.1 77.0 6.1 7.7 7.3 10.28 4.59 .438 6.10 .594 67.6 65.8 65.8 65.8 65.8 65.8 7.7 9.2 10.97 16.59 .503 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	45 7	74.	2	15.9	564.1	6.1	7.6		1.	14.66	.438	7.00	.656	65.9	
47.8         47.8         47.9         4.7         3.7         18.94         8.10         .563         7.00         .1.10           47.8         57.7         6.6         7.7         9.2         18.97         16.5         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60	47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.9         47.1         47.8         47.8         47.9         47.1         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8         47.8 <td< td=""><td>47.8         651.6         6.6         7.7         3.7         18.94         6.0         .563         7.0         1.00         .563         7.0         1.00         .563         7.0         1.00         .594         .500         .500         .596         .500         .596         .500         .596         .500         .596         .590         .500         .596         .500         .596         .596         .590         .500         .596         .596         .590         .500         .596         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590</td><td>66</td><td>7.</td><td></td><td>78.1</td><td>570.0</td><td>6.1</td><td>1.7</td><td></td><td></td><td>14.59</td><td>.438</td><td>00-9</td><td>.594</td><td></td><td></td></td<>	47.8         651.6         6.6         7.7         3.7         18.94         6.0         .563         7.0         1.00         .563         7.0         1.00         .563         7.0         1.00         .594         .500         .500         .596         .500         .596         .500         .596         .500         .596         .590         .500         .596         .500         .596         .596         .590         .500         .596         .596         .590         .500         .596         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590         .590	66	7.		78.1	570.0	6.1	1.7			14.59	.438	00-9	.594		
70.5         651.6         6.6         7.7         9.2         10.9         16.5         9.9         50.1         9.9         10.5         9.9         10.9         10.5         9.9         10.7         9.9         10.7         9.9         10.7         9.9         10.7         9.9         10.7         11.5         10.6         6.7         9.9         10.7         11.5         10.6         6.7         9.9         10.7         11.5         10.6         6.7         9.9         10.7         11.5         10.6         6.7         9.9         10.7         10.7         4.9         9.9         9.9         10.7         10.7         4.9         9.9         9.9         11.7         10.7         4.9         9.9         9.9         10.7         6.6         6.7         10.7         6.9         10.7         6.9         10.7         6.9         10.7         6.9         10.7         6.9         9.9         10.7         6.7         10.7         6.7         10.9         10.7         10.7         6.7         9.9         10.7         10.7         6.7         9.9         10.7         10.7         6.7         9.0         10.7         10.7         10.7         10.0         10.7 <t< td=""><td>70.5 651.8 6.6 7.7 9.2 11.16 14.72 .510 5.010 .554 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>70.5 651.8 6.6 7.7 9.2 11.0 16.5 9 .501 5.0 1.55 9 .501 7.0 7.1 1 1.0 10.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 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8.6.7         588.0         6.2         7.8         7.3         11.15         14.72         4.88         7.80         7.9         11.20         14.66         -5.00         5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00         -5.00	8	8	30 84	3		20.5		9.9	7.7		6	16.59	.500	2.00	.594	8.48	
76.3         677.7         6.6         7.9         9.1         11.56         1.6.66         .500         5.00         6.0         7.9         9.1         11.56         16.59         5.00         6.0         9.0         11.56         16.59         5.00         6.0         9.0         11.59         16.72         .500         6.0         9.0         17.9         9.0         11.59         16.72         .500         6.0         9.0         9.0         17.9         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0      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0.5         595.8         6.2         7.9         7.1         11.38         14.66         6.43         6.00         6.00         6.1         6.7         6.1         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.0	7.9         7.1         11.38         14.66         6.43         8.00         6.60         6.79         7.1         11.38         14.66         6.43         8.00         6.79         6.00         11.59         16.72         5.80         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.39         5.00         7.30         5.00         7.39         5.00         7.30         5.00         7.39         5.00         7.30         7.39         5.00         7.30         5.00         7.30         7.30         7.30         7.30         7.30         7.30         7.30         7.30         7.30         7.30	8.5         595.8         6.2         7.9         7.1         11.58         16.56         4.38         8.00         6.00         7.9           70.1         3.03         6.7         6.1         6.9         11.59         16.7         6.9         6.0         6.7         6.1         6.0         6.1         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	35 8	5	1	74.3	677.7	9.9	7.9	-	2.	16.66	.500	2.00	.656	8.52	
78.3         697.6         6.6         8.1         8.9         11.56         16.59         .501         6.0         7.9           78.1         472.4         6.7         6.7         6.1         11.66         16.72         .436         9.00         .719           8 8.2         6.2         7.3         5.6         11.72         12.72         .436         9.00         .719           8 8.2         6.2         6.3         7.0         11.66         15.3         9.00         .719           8 6.2         7.6         6.4         8.6         12.25         8.13         .625         7.00         .719           8 6.2         1.0         8.6         12.25         8.13         .625         7.00         .719           8 6.2         1.0         8.6         12.25         8.13         .625         7.00         .719           8 7.2         4.6         8.6         12.25         16.8         .90         .719           8 8.9         8.7         12.72         .436         .90         .719           8 8.9         8.6         13.3         16.72         .436         .700         .719           8 8.9         8.1	78.3         697.6         6.6         8.1         8.9         11.59         16.59         501         6.0         7.0         7.9         11.72         12.72         5.90         5.0         7.9         11.72         12.72         5.90         5.0         7.9         11.99         16.6         5.0         6.0         7.9         6.0         7.9         6.0         7.9         6.0         7.9         6.0         7.9         6.0         6.0         7.0         7.9         6.0         6.0         7.9         6.0         6.0         7.0         7.9         6.0         6.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0	78.3 697.6 6.6 8.1 8.9 11.55 16.59 .500 6.00 .594 8 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	2 69	5			595.8		7.9		m	14.66	.438	8-00	.656	65.9	
78.1         703.4         6.7         8.1         9.0         11.59         16.72         .580         5.00         .719           8 0.8         6 0.1         6.7         11.94         16.66         .510         6.00         .719           8 0.2         6 0.1         6.7         8.4         8.6         11.94         16.66         .510         6.00         .719           8 0.2         7.2         8.4         8.6         12.55         9.13         6.25         7.00         .719           9 0.2         1.0         8.7         8.6         12.51         16.66         .510         6.00         .719           9 0.2         1.0         8.6         12.31         16.72         .510         6.00         .719           1 0.2         1.0         1.0         1.0         1.0         1.0         .719         .719           1 0.2         1.0         1.0         1.0         1.0         1.0         1.0         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .71	78.1         773.4         6.7         8.1         9.0         11.59         16.72         .580         5.00         .719           6 10.8         672.5         6.4         7.3         5.0         11.59         12.65         .500         .719           8 6.2         6.7         6.3         6.0         11.94         16.66         .500         6.00         .719           9 6.2         7.6         6.6         12.25         6.13         .66         .500         .719           9 6.2         1.0         1.0         1.0         6.6         1.0         .719           9 6.2         1.0         1.0         1.0         1.0         .719         .719           1 7.5         1.0         1.0         1.0         1.0         .719         .719           1 8.5         1.0         1.0         1.0         .719         .719         .719           1 8.5         1.0         1.0         1.0         1.0         .719         .719           1 8.5         1.0         1.0         1.0         1.0         1.0         .719           1 8.6         1.0         1.0         1.0         1.0         1.0         .719 <td>78.1 703.4 6.7 8.1 9.0 11.59 16.72 .580 5.00 .719 8 10.8 10.8 11.9 16.6 12.1 16.7 12.4 18.8 9.0 1.719 8 10.8 10.8 11.9 16.6 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8</td> <td>30</td> <td>9</td> <td>2</td> <td></td> <td></td> <td></td> <td>8.1</td> <td>•</td> <td>S</td> <td>2</td> <td>.500</td> <td>6-00</td> <td>.594</td> <td>8.48</td> <td></td>	78.1 703.4 6.7 8.1 9.0 11.59 16.72 .580 5.00 .719 8 10.8 10.8 11.9 16.6 12.1 16.7 12.4 18.8 9.0 1.719 8 10.8 10.8 11.9 16.6 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 11.9 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8	30	9	2				8.1	•	S	2	.500	6-00	.594	8.48	
6 11.6         472.3         5.4         7.3         5.8         11.72         12.72         -438         9.00         -719           6 18.9         620.6         6.2         6.1         7.8         11.94         14.72         -438         9.00         -719           6 6.1         726.6         6.7         6.4         6.6         12.3         16.66         500         7.00         -594           8 7.5         755.1         6.8         6.5         6.7         12.3         16.85         5.00         7.00         -719           8 7.5         755.1         6.8         6.5         12.23         16.86         500         579           8 7.5         76.8         6.8         6.7         12.3         16.86         500         6.7         6.9         6.7         12.5         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6	6.1.6         472.3         5.4         7.3         5.8         11.72         12.72         -436         9.00         -719           6.0.9         622.6         6.2         6.1         7.01         1.06         5.00         6.00         -594           6.0.1         7.26         6.0         12.16         16.6         5.00         7.00         6.50         1.125         5.00         7.00         6.50         6.0         1.125         5.00         7.00         6.56         6.0         1.125         5.00         7.00         6.56         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	6.1.6         472.3         5.4         7.3         5.6         11.72         12.72         -436         9.00         -719           6.0.9         66.0         6.2         6.1         7.0         11.0         14.72         -436         9.00         -719           6.0.1         7.2         6.2         6.1         7.0         6.6         12.16         16.65         -50         7.0         -594           8.5.1         7.5         6.2         6.6         12.16         16.65         -50         7.19         6.0         -594           8.7.5         7.5         6.0         6.5         6.7         12.36         16.0         -50         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         -719         6.0         <	1,1	87.		78.1					.5	16.72	.500	2.00		8.55	
08.9         620.6         6.2         7.0         11.98         14.72         4.38         0.00         7.99           65.1         7.6         11.94         14.97         6.6         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7         6.7	08.9         620.6         6.7         11.98         14.72         -438         0.00         -719           06.1         76.6         6.7         6.7         11.98         16.66         -501         6.01         -656           06.1         740         6.7         6.7         6.6         12.16         16.66         -501         7.00         -656           07.5         16.6         6.8         6.6         12.31         16.72         -510         6.0         -719           07.5         771.6         6.8         6.6         12.31         16.72         -430         10.0         -719           91.4         771.6         6.8         6.6         12.31         16.72         -430         10.0         -719           96.9         8.7         72.9         16.6         -501         7.00         -719         96.9           96.9         8.6         8.7         12.29         16.6         -501         7.00         -719           96.9         8.0         12.25         16.6         -501         7.00         -719           96.9         8.0         12.25         16.6         -501         7.00         -719 <tr< td=""><td>86.9 620.6 6.2 8.1 7.0 11.8 14.72 .438 6.00 .719 62.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 86.1 76.0 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02.9         726.0         6.7         6.3         8.8         11.94         16.66         500         6.00         6.5           52.2         740.0         6.7         6.4         12.36         16.89         500         7.00         6.94           67.5         755.1         6.8         6.5         6.6         12.31         16.72         500         6.00         719           67.5         764.8         6.8         6.8         6.6         6.6         6.7         12.36         16.80         500         779           91.0         771.6         6.8         6.6         6.6         7.2         16.80         500         779           96.7         771.6         6.8         6.6         6.7         12.5         16.80         500         779           96.7         771.6         6.8         6.7         12.5         16.72         500         7.00         779           96.7         771.0         771.0         7.00         7.19         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00         7.00	02.9 726.6 6.7 8.3 8.8 11.94 16.66 .500 6.00 .656 6.1 16.59 6.1 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 18.50 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86.1 744.0 6.7 8.4 8.6 12.16 16.59 .500 7.80 .594 .552 189.6 8.1 1.125 189.6 18.6 18.6 18.1 18.2 189.6 18.6 18.6 18.1 18.2 189.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18	86.1 744.0 6.7 8.4 8.6 12.16 16.59 .500 7.80 .594 852 189.6 8.4 8.9 3.6 12.25 8.13 .625 7.80 1.125 87.5 189.6 8.4 8.9 3.6 12.25 8.13 .625 7.80 1.125 87.5 189.6 8.8 6.8 8.5 8.7 12.36 16.86 .500 5.00 .719 87.2 5.60 492.8 5.4 7.6 5.8 12.44 12.72 .438 18.80 .719 87.2 5.60 492.8 5.4 7.6 5.8 12.44 12.72 .438 18.80 .719 87.2 6.50 8.6 6.8 8.4 12.72 .438 18.80 .719 87.2 6.9 8.9 8.3 13.03 16.72 .500 7.00 .719 89.9 80.2 8.3 13.03 16.72 .500 7.00 .719 89.9 80.3 8.3 13.25 16.86 .500 7.00 .719 89.9 80.3 80.9 8.3 13.25 16.86 .500 7.00 .719 89.4 678.3 8.4 5.0 8.3 18.75 16.86 .500 8.00 .675 89.4 678.3 8.4 5.0 8.3 18.75 16.86 .500 8.00 .719 89.4 87.1 10.5 6.5 89.1 8.0 13.75 16.86 .500 8.00 .719 89.4 87.1 10.5 6.9 87.3 87.3 14.13 16.86 .500 8.00 .719 10.6 6.9 87.3 87.3 14.13 16.86 .500 8.00 .719 10.6 6.9 87.3 87.3 14.13 16.86 .500 8.00 .719 10.6 6.9 87.2 6.9 87.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10	66.1 740.0 6.7 8.4 6.6 12.16 16.59 .500 7.00 .594 87.5 189.6 3.4 4.9 3.6 12.25 6.13 .655 7.00 .1.125 98.7 7.55.1 16.7.5 96.1 7.19 98.1 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.8 9.5 16.	60 87	87.9	_	82.9	726.8		8.3			16.66	.500	6.00	9699	8.52	
52.2         189.6         3.4         4.9         3.6 12.25         0.13         .625         7.00         1.125           87.5         755.1         6.0         8.5         12.31         16.72         .510         .510           97.6         755.1         6.0         8.5         12.34         16.72         .510         .510           97.7         74.6         6.0         8.6         12.59         16.66         .510         7.00         .719           96.7         771.6         6.0         8.6         12.59         16.66         .510         7.00         .719           96.7         76.2         8.6         13.25         16.66         .510         7.00         .719           96.7         6.2         8.6         8.3         13.25         16.66         .510         .600         .719           99.7         8.7         6.4         13.25         16.66         .510         .600         .719           105.4         678.3         13.25         16.66         .510         .600         .719           105.4         678.3         13.25         16.66         .510         .600         .719           105.7	52.2         189.6         3.4         4.9         3.6         12.25         6.13         .625         7.00         1.125         6.10         7.19         6.00         7.19         6.00         7.19         6.00         7.19         6.00         7.19         6.00         7.19         6.00         7.19         6.00         7.19         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         7.10         6.00         9.00         7.10         6.00         9.00         7.10         6.00         9.00         7.00         7.10         6.00         9.00         7.10         6.00         9.00         7.10         7.10         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00         9.00 <td< td=""><td>52.2         189.6         3.4         4.9         3.5         12.25         6.13         .625         7.00         1.125         8.5         12.25         6.13         16.06         .500         .719         8.7         9.0         .719         8.0         8.5         12.44         12.72         .438         19.00         .719         8.0         9.0         .719         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8</td><td>41.34 88.4</td><td>98.4</td><td></td><td>86.1</td><td>746.0</td><td></td><td>8.4</td><td>9</td><td></td><td>16.59</td><td>.500</td><td>7.00</td><td>165.</td><td>8.48</td><td></td></td<>	52.2         189.6         3.4         4.9         3.5         12.25         6.13         .625         7.00         1.125         8.5         12.25         6.13         16.06         .500         .719         8.7         9.0         .719         8.0         8.5         12.44         12.72         .438         19.00         .719         8.0         9.0         .719         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8.0         8	41.34 88.4	98.4		86.1	746.0		8.4	9		16.59	.500	7.00	165.	8.48	
B7.5         755.1         6.0         0.5         0.6         12.31         16.72         500         6.00         719           B7.5         756.0         6.0         0.5         12.35         16.00         500         500         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00<	87.5         755.1         6.0         6.5         6.5         12.31         16.72         500         6.00         719           87.5         76.0         6.0         6.0         6.0         12.31         16.00         6.00         6.00         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	87.5         755.1         6.8         8.5         8.5         12.31         16.72         .500         6.00         .719         875         16.88         .500         .719         875         16.88         .500         .719         875         91.9         .715         .715         .710         .675         91.9         .719         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919         .919	65 3			52.2	189.6	3.4	6.4	9	12.25	8.13	•625	7.00	1.125		
07.5         764.8         6.8         0.5         0.7         12.38         16.88         .50         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .50         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719         .719	07.5         764.8         6.0         0.5         0.7         12.38         16.06         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500 <td< td=""><td>07.5         764.8         6.0         6.5         6.7         12.38         16.0         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500</td><td>9 5 9</td><td></td><td></td><td>87.5</td><td>755.1</td><td>6.8</td><td></td><td>9</td><td>12.31</td><td>16.72</td><td>.500</td><td>6.00</td><td>.719</td><td></td><td></td></td<>	07.5         764.8         6.0         6.5         6.7         12.38         16.0         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500	9 5 9			87.5	755.1	6.8		9	12.31	16.72	.500	6.00	.719		
9.0 492.8 5.4 7.6 5.5 12.44 12.72 .438 10.00 .719 5 10.4 12.7 1 12.4 12.7 1 12.8 10.00 .7 1 12.8 10.8 10.8 1 12.8 1 10.8 1 12.8 1 10.8 1 12.8 1 10.8 1 12.8 1 10.8 1 12.8 1 10.8 1 12.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8 1 10.8	9.0	9.0 492.0 5.4 7.6 5.5 12.44 12.72 .438 10.00 .719 5 10.4 55.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.	42.09 89.8	89.8		87.5	764.8	6.8		1	12.38	16.88	.500	2.00	.875	6.63	
1.4 771.6 6.8 8.6 8.4 12.59 16.66 .500 7.0 .656 8.7 12.5 14.72 .438 9.00 77.9 6.5 16.9 16.7 12.5 14.72 .438 9.00 .719 6.9 16.9 8.8 8.3 13.03 16.72 .438 9.00 .719 6.9 8.7 13.03 16.72 .438 9.00 .719 6.9 8.9 8.3 13.25 16.66 .500 6.00 .875 9.00 .719 9.0 8.3 13.25 16.66 .500 6.00 .875 9.00 .719 9.0 8.3 13.25 16.66 .500 6.00 .875 9.0 8.3 13.25 16.66 .500 6.00 8.79 9.0 8.3 13.25 16.66 .500 6.00 8.79 9.0 8.3 13.25 16.66 .500 6.00 8.79 9.0 8.5 13.25 16.66 .500 7.00 8.79 9.0 8.5 13.25 16.66 .500 7.00 8.79 9.0 9.1 13.75 16.72 .500 9.00 .719 9.0 9.4 971.9 7.3 9.2 7.8 13.91 16.86 .500 7.00 9.00 .719 10.0 971.9 7.3 9.2 9.4 7.7 14.13 16.88 .500 7.00 .875 9.0 9.7 7.4 9.8 9.5 16.72 .500 9.00 .719 10.0 9.7 7.0 921.2 6.9 9.7 7.6 15.00 16.86 .500 9.00 .719 10.0 9.7 7.0 922.2 6.9 9.7 7.6 15.00 16.86 .500 9.00 .719 10.0 9.7 7.0 922.2 6.9 9.7 7.4 15.10 16.7 2 .500 9.00 .779 10.0 9.7 7.0 115.2 9.00 9.00 9.1 15.3 16.86 .500 9.00 .719 10.0 9.7 7.0 115.2 9.00 9.00 9.1 15.8 10.66 .503 9.00 .875 9.00 9.7 7.0 116.13 10.00 .503 9.00 9.00 9.7 7.0 116.13 10.00 9.5 7.00 9.00 9.7 7.0 116.13 10.00 9.5 7.00 9.00 9.7 7.0 116.13 10.00 9.5 7.00 9.00 9.7 7.9 10.2 9.00 9.7 7.5 110.3 9.00 9.7 7.0 116.13 19.00 9.5 7.00 9.00 9.7 7.0 116.13 19.00 9.5 7.00 9.00 9.7 7.0 116.13 19.00 9.5 7.0 9.7 7.0 9.7 7.0 9.00 9.00 9.7 7.0 9.00 9.7 7.0 9.00 9.0	1.4 771.6 6.8 6.6 6.4 12.59 16.66 .500 7.00 .656 7.2 650.8 6.8 6.8 6.4 12.59 16.72 .438 9.00 7.19 6.9 6.9 6.8 6.8 6.8 13.25 16.8 510 6.00 .719 6.9 6.9 6.8 6.8 6.8 13.25 16.8 510 6.00 .719 6.8 6.8 6.8 6.8 6.8 13.25 16.8 510 6.00 .719 6.9 6.9 6.8 6.8 6.8 6.1 13.25 16.8 510 6.00 .719 6.5 6.5 6.8 6.8 6.8 6.9 6.1 13.25 16.8 6.50 6.8 7.00 .719 6.5 6.5 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	1.4 771.6 6.8 8.6 8.4 12.59 16.66 .500 7.00 .656 8.9 16.72 .438 9.00 7.19 6.5 6.9 8.4 6.7 12.59 14.72 .438 9.00 7.19 6.9 8.9 8.3 13.25 16.86 .500 6.00 .075 9.00 7.19 6.3 13.25 16.86 .500 6.00 .075 9.00 7.19 6.3 13.25 16.86 .500 6.00 .075 9.00 7.19 6.2 8.7 6.4 13.31 14.72 .438 10.00 .719 6.2 8.7 6.4 13.31 14.72 .438 10.00 .719 6.2 8.5 8.0 8.3 13.55 8.25 .688 7.00 .719 6.2 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	30	10		0.60	492.8	5.4		5	12.44	12.72	.438	10.00	.719	5.74	
6.9         6.0         6.2         6.4         6.7         12.5         14.7         .436         9.0         .719           6.9         6.9         6.8         6.3         13.0         16.7         .500         7.00         .719           6.7         6.2         6.8         6.8         6.3         13.2         16.66         .500         6.00         .719           9.9         6.1         13.2         16.66         .500         6.00         .719           6.5         6.2         8.7         6.4         13.2         14.7         .436         10.00         .719           6.5         6.2         8.7         6.4         13.7         14.7         .436         10.00         .719           6.2         8.7         6.4         13.7         14.7         .456         .500         .719         .719           6.2         9.1         8.0         13.7         14.0         16.7         .500         .000         .719           6.4         9.2         7.2         14.0         16.7         .500         .000         .719           1.2         9.2         7.4         16.7         .500         .500	6.9         6.0         6.2         6.4         6.7         12.59         14.72         .436         9.00         .719           6.9         6.0         6.3         13.03         16.72         .560         7.00         .719           6.7         6.2         6.3         13.25         16.66         .500         6.00         .719           6.5         6.2         6.7         6.4         13.25         16.66         .500         .6.70         .6.70           6.5         20.3         3.6         13.51         14.72         .438         10.00         .719           6.5         20.3         3.6         13.51         14.72         .438         10.00         .719           6.5         6.9         9.1         6.0         13.75         16.72         .500         .600         .719           6.5         9.1         6.0         13.75         16.72         .500         .600         .719           6.2         9.1         6.0         13.75         16.72         .500         .600         .719           10.0         10.0         13.75         16.86         .500         .600         .719           6.6	7.2 650.0 6.2 6.4 6.7 12.59 14.72 .436 9.00 .719 6.9 6.2 6.8 8.8 8.3 13.03 16.72 .510 7.00 .719 6.9 8.7 6.9 8.3 13.03 16.72 .510 7.00 .719 6.9 8.9 8.9 8.3 13.25 16.66 .510 6.00 .719 6.9 8.9 8.9 8.1 13.25 16.66 .510 6.00 .719 6.5 15.6 15.8 10.00 .719 6.5 15.8 13.5 16.6 .510 6.00 .719 6.5 15.2 15.6 15.2 16.6 16.5 10 1.25 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.	81 89	1.68		91.4	771.6	6.8				16.66	.500	7.00	•656	8.52	
6.9 602.2 6.8 6.8 6.3 13.03 16.72 .500 7.00 .719 18.7 18.2 16.8 16.8 18.1 18.2 18.8 18.8 18.8 18.8 18.8 18	6.9 602.2 6.8 6.8 6.3 13.03 16.72 .500 7.00 .719 18.7 18.2 16.8 16.8 15.0 18.0 18.7 18.8 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.0 18.0 18.1 18.2 18.8 18.8 18.0 18.1 18.2 18.8 18.0 18.8 18.0 18.8 18.8 18.8 18.8	6.9 602.2 6.8 6.8 6.3 13.03 16.72 .500 7.00 .719 6.99 6.22 6.8 6.8 6.3 13.25 16.86 .510 6.00 .875 6.9 6.9 6.9 6.3 13.25 16.86 .510 6.00 .875 6.9 6.9 6.1 13.25 16.66 .510 6.00 .875 6.5 6.2 6.7 6.4 13.31 14.72 .438 10.00 .719 6.5 203.3 3.4 5.0 3.6 13.51 14.72 .438 10.00 .719 6.5 6.2 645.7 6.9 9.1 8.0 13.75 16.72 .500 7.0 11.239 6.5 6.9 9.2 7.8 13.91 16.66 .500 9.00 .719 6.5 6.9 9.2 7.8 13.91 16.66 .500 9.00 .719 6.5 6.00 6.70 9.0 6.5 6.00 .719 6.5 6.00 6.70 9.0 6.5 6.00 .719 6.5 6.00 6.70 9.2 7.3 9.5 9.6 14.44 16.72 .563 6.00 .779 10.6 6.9 9.7 7.6 15.00 16.72 .563 6.00 .719 10.6 6.9 9.7 7.6 15.00 16.72 .563 6.00 .719 10.6 7.5 10.10 7.10 10.10 .675 7.0 10.10 7.10 7.10 7.10 7.10 7.10 7.10	81 77	77.5		97.2	650.8	6.2		1	12.59	14.72	.438	9.00	.719	6.61	
8.7         8.22.0         6.9         8.9         8.3         13.25         16.86         .500         6.00         .875           9.9         813.0         8.1         13.25         16.66         .500         8.00         .875           6.4         6.2         8.7         13.55         16.65         .500         7.00         .879           6.5         8.5         6.9         9.1         8.0         13.91         16.72         .500         9.0         .719           6.5         8.5         6.9         9.2         7.8         13.91         16.72         .500         9.0         .719           8.6         8.5         6.9         9.2         7.8         13.91         16.72         .500         9.0         .719           9.4         8.7         14.0         16.72         .501         9.0         .719         .8           1.2         921.2         6.9         9.4         7.7         14.4         16.72         .501         .9         .7         .9           1.2         921.2         14.4         16.72         .563         6.00         .7         .9         .9         .9         .9         .9	8.7 822.0 6.9 8.9 8.3 13.25 16.88 .500 6.00 .875 8 9.9 813.0 6.8 8.9 8.1 13.25 16.66 .500 8.00 .875 8 6.4 203.3 3.4 5.0 3.6 13.25 16.72 .438 10.00 .719 8 6.5 845.7 6.9 9.1 8.0 13.75 16.72 .508 7.00 1.259 8 6.5 845.7 6.9 9.1 8.0 13.75 16.72 .508 8.00 .719 8 6.6 1007.7 7.3 9.3 9.8 14.06 18.66 .503 9.00 .875 8 6.6 1007.7 7.3 9.5 9.6 14.44 18.72 .563 6.00 .719 18 6.7 921.2 6.9 9.4 7.7 14.47 16.72 .563 6.00 .719 18 6.4 1067.2 7.4 9.8 9.3 15.16 18.72 .563 6.00 .719 18 6.5 1067.2 7.4 9.9 9.1 15.39 16.72 .563 8.00 .719 18 6.6 1130.8 7.5 10.1 9.0 15.8 16.86 .501 9.00 .875 8 7.8 1130.8 7.5 10.1 9.0 15.8 16.8 .501 10.00 .875 8 7.8 1150.8 7.5 10.3 8.9 16.13 18.66 .563 8.00 .719 18 7.8 1150.8 7.5 10.3 8.9 16.25 18.86 .563 8.00 .719 10 7.8 1150.8 7.5 10.3 8.9 16.25 18.86 .563 8.00 .719 10 7.8 1173.7 7.5 10.3 8.9 16.25 18.86 .563 7.00 1.001 10 7.8 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 7.9 10.7 7.5 10.3 8.9 16.25 18.86 .563 7.00 1.001 10 7.7 10.7 7.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.55 18.86 .563 7.00 1.001 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10 7.7 10.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .719 10	8.7 822.0 6.9 8.9 8.3 13.25 16.86 .500 6.00 .875 8 8.4 813.0 6.8 8.9 8.1 13.25 16.66 .500 8.00 .656 8 8.5 678.3 6.2 8.7 8.4 13.31 14.72 .688 7.00 1.258 8 8.5 671.8 6.9 9.1 8.0 13.75 16.72 .508 7.00 1.258 8 8.5 851.8 6.9 9.2 7.8 13.91 16.66 .500 9.00 .719 8 8.5 851.8 6.9 9.2 7.8 13.91 16.66 .500 9.00 .719 8 8.6 1007.7 7.3 9.3 9.6 14.06 18.66 .563 6.00 .656 10 8.7 921.2 6.9 9.7 7.6 15.00 16.88 .500 9.00 .719 10 8.7 922.9 6.9 9.7 7.6 15.00 16.88 .500 9.00 .719 10 8.4 1087.2 7.4 9.8 9.1 15.8 16.86 .501 8.00 .875 8 8.4 1087.6 7.9 9.9 9.1 15.75 14.88 .500 10.00 .719 10 8.5 1122.2 7.5 10.1 9.0 15.88 18.72 .563 8.00 .719 10 8.6 1154.8 7.5 10.2 8.9 16.03 18.72 .563 9.00 .719 10 8.7 1122.2 7.5 10.1 9.0 15.88 18.72 .563 9.00 .719 10 8.8 1154.8 7.5 10.3 9.1 16.13 19.00 .563 9.00 .719 10 8.8 1154.8 7.5 10.3 9.1 16.13 19.00 .563 9.00 .719 10 8.9 1154.8 7.5 10.3 8.9 16.25 18.86 .563 9.00 .719 10 8.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10	30 91.			6.96	802.2				13.03	16.72	.500	7.00	.719	9.55	
9.9 813.0 6.8 8.9 8.1 13.25 16.66 .500 8.00 .656 856 856 856 86.5 878 10.00 .676 856 85.4 678.3 5.6 25.4 13.31 14.72 .438 10.00 .719 66.5 50.5 16.72 .608 7.00 .719 66.5 50.5 16.72 .608 7.00 .719 66.5 651.8 6.9 9.2 7.8 13.91 16.66 .500 9.00 .719 67.5 971.9 7.3 9.2 7.8 14.05 18.66 .501 9.00 .719 9.0 10.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 1	9.9	9.9 813.0 6.8 8.9 8.1 13.25 16.66 .500 8.00 .656 85.4 678.3 6.2 8.7 6.4 13.31 14.72 .438 10.00 .719 6.5 5.5 64 13.31 14.72 .438 10.00 .719 6.5 5.5 64 13.75 16.72 .500 7.00 1.259 9.5 651.8 6.9 9.1 13.75 16.72 .500 7.00 .719 6.5 651.8 6.9 9.2 7.8 13.91 16.66 .563 6.00 .719 6.5 10.0 10.7 7 7.3 9.3 9.6 14.06 18.66 .563 6.00 .656 10.0 10.7 7 7.3 9.5 9.6 14.04 16.72 .563 6.00 .656 10.0 10.7 7 7.3 9.5 9.6 14.47 16.72 .500 7.00 .675 10.0 10.7 7 7.5 9.7 7.7 15.0 16.7 2 .563 6.00 .719 10.0 10.7 7 7.6 15.0 16.8 .501 9.00 .719 10.0 10.7 7 7.6 15.0 16.8 .501 9.00 .719 10.0 10.0 1.0 10.0 10.0 10.0 10.0 10.	05 92	92.0		1.96	822.0			2	~	16.88	.500	9-00	.875	8.63	
5.4         678.3         6.2         8.7         6.4         13.31         14.72         .438         10.010         .719         6           6.5         213.3         3.6         13.56         8.25         .688         7.01         1.253         9           6.5         651.6         6.9         9.1         7.0         13.91         16.66         .510         9.01         .719         8           9.4         971.9         7.3         9.3         7.9         14.13         16.66         .563         6.00         .656         1           9.4         9.7         7.9         14.13         16.72         .563         6.00         .719         1           1.2         921.2         6.9         9.6         14.47         16.72         .563         6.00         .719         1           5.4         92.9         9.6         14.47         16.72         .563         6.00         .719         1           6.4         9.9         9.7         7.4         16.72         .563         6.00         .719         1           6.4         10.1         7.5         15.1         16.72         .563         6.00         .719 <td>5.4         678.3         6.2         6.4         13.31         14.72         438         10.00         719         6           6.5         213.3         3.6         13.56         6.25         688         7.00         1.253         5         6.25         688         7.00         1.253         5         6.00         6.79         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00</td> <td>5.4 678.3 6.2 8.7 6.4 13.31 14.72 .438 10.00 .719 6 6.5 203.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 5 6.2 641.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 5 6.5 651.8 6.9 9.1 0.0 13.91 16.66 .561 9.00 .656 10 9.4 971.9 7.3 9.3 9.4 14.06 18.66 .563 6.00 .656 10 10.0 674.1 6.9 9.3 7.9 14.13 16.86 .501 7.00 .675 10 10.1 674.1 6.9 9.4 7.7 14.47 16.72 .563 6.00 .719 10 1.2 921.2 6.9 9.7 7.6 14.07 16.72 .563 6.00 .719 10 1.2 1067.2 7.4 9.8 9.3 15.16 16.72 .563 6.00 .719 10 1.2 1067.2 7.4 9.8 9.3 15.16 16.72 .563 10.00 .719 10 1.2 1081.6 7.4 9.9 9.1 15.36 18.66 .563 8.00 .719 10 1.2 122.2 7.5 10.1 6.1 15.75 14.88 .501 9.00 .875 7 1.3 1122.2 7.5 10.2 8.9 16.03 18.66 .563 8.00 .719 10 1.4 1130.8 7.5 10.2 8.9 16.03 18.66 .563 9.00 .719 10 1.5 1130.8 7.5 10.3 9.1 16.13 19.00 .563 6.00 1.000 10 1.5 1131.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 1.5 1.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 10.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.10 .719 10 1.7 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.10 .719 10 1.7 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1 10.3 9.1</td> <td>7330</td> <td>91.3</td> <td></td> <td>6.66</td> <td>813.0</td> <td>8.9</td> <td></td> <td>-</td> <td>2</td> <td>16.66</td> <td>.500</td> <td>8-00</td> <td>•656</td> <td>8.52</td> <td></td>	5.4         678.3         6.2         6.4         13.31         14.72         438         10.00         719         6           6.5         213.3         3.6         13.56         6.25         688         7.00         1.253         5         6.25         688         7.00         1.253         5         6.00         6.79         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00	5.4 678.3 6.2 8.7 6.4 13.31 14.72 .438 10.00 .719 6 6.5 203.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 5 6.2 641.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 5 6.5 651.8 6.9 9.1 0.0 13.91 16.66 .561 9.00 .656 10 9.4 971.9 7.3 9.3 9.4 14.06 18.66 .563 6.00 .656 10 10.0 674.1 6.9 9.3 7.9 14.13 16.86 .501 7.00 .675 10 10.1 674.1 6.9 9.4 7.7 14.47 16.72 .563 6.00 .719 10 1.2 921.2 6.9 9.7 7.6 14.07 16.72 .563 6.00 .719 10 1.2 1067.2 7.4 9.8 9.3 15.16 16.72 .563 6.00 .719 10 1.2 1067.2 7.4 9.8 9.3 15.16 16.72 .563 10.00 .719 10 1.2 1081.6 7.4 9.9 9.1 15.36 18.66 .563 8.00 .719 10 1.2 122.2 7.5 10.1 6.1 15.75 14.88 .501 9.00 .875 7 1.3 1122.2 7.5 10.2 8.9 16.03 18.66 .563 8.00 .719 10 1.4 1130.8 7.5 10.2 8.9 16.03 18.66 .563 9.00 .719 10 1.5 1130.8 7.5 10.3 9.1 16.13 19.00 .563 6.00 1.000 10 1.5 1131.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 1.5 1.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 10 1.7 10.3 9.1 10.3 9.1 16.59 18.72 .563 9.00 .719 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6.5 203.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 56.2 645.7 6.9 7.00 1.259 56.2 645.7 6.9 9.1 8.0 13.75 16.72 .580 8.00 .719 69.4 971.9 7.0 13.75 16.66 .501 9.00 .719 69.4 971.9 7.3 9.2 7.0 14.01 16.86 .501 7.00 .675 10.0 675 10.0 67.1 6.9 9.4 7.7 14.13 16.86 .501 7.0 0.675 10.0 675 10.2 10.7 7.3 9.5 9.6 14.44 10.72 .563 6.00 .719 10.0 7.1 10.2 6.9 9.4 7.7 14.47 16.72 .501 9.00 .719 10.0 7.2 10.2 6.9 9.7 7.4 9.8 9.3 15.10 16.72 .501 9.00 .719 10.0 7.2 10.2 6.9 9.7 7.4 9.8 9.3 15.10 16.72 .503 6.00 .719 10.0 7.0 10.1 6.2 9.1 15.10 16.72 .503 8.00 .675 10.0 7.0 7.0 7.0 10.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	6.5 203.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.258 5 6.2 645.7 6.9 9.1 8.0 13.75 16.72 .508 8.00 .719 6 9.4 971.9 7.3 9.3 7.9 14.13 16.86 .501 9.00 .656 10 9.4 971.9 7.3 9.3 7.9 14.13 16.88 .501 7.00 .675 10 1.0 107.7 7.3 9.5 9.6 14.44 18.72 .563 6.00 .719 10 1.2 107.2 7.4 9.9 9.7 7.4 16.72 .501 9.00 .719 10 1.2 107.2 7.4 9.8 9.3 15.16 18.72 .563 10.00 .719 10 1.2 107.2 7.4 9.9 9.1 15.39 18.66 .563 8.00 .719 10 1.2 107.2 7.4 9.9 9.1 15.39 18.66 .563 8.00 .719 10 1.2 107.2 7.5 10.1 9.0 15.75 14.88 .501 10.00 .779 10 1.2 107.2 7.5 10.1 9.0 15.88 16.86 .501 9.00 .875 10 1.2 107.2 7.5 10.3 9.9 16.13 19.00 .563 8.00 .779 10 1.3 1173.7 7.5 10.3 8.9 16.55 18.86 .563 8.00 .779 10 1.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .875 10 1.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .875 10 1.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 1.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10	6.5 203.3 3.4 5.0 3.6 13.56 8.25 .688 7.00 1.259 56.5 8.5 80 8.70 1.259 56.5 8.5 80 8.5 7.00 1.259 56.5 8.5 80 8.5 7.00 1.259 50.5 80 8.5 7.00 1.259 50.5 80 8.5 7.00 8.5 80 80.00 8.7 80 9.4 971.9 7.3 9.2 7.0 14.13 16.66 .563 6.00 .675 80 9.4 107.7 7.3 9.5 9.6 14.47 16.72 .563 6.00 .779 10.5 8.4 805.5 6.9 9.7 7.7 14.47 16.72 .563 6.00 .779 10.5 8.4 106.7 7.7 14.47 16.72 .563 6.00 .779 10.5 8.4 106.7 7.4 9.8 9.3 15.16 16.72 .563 7.00 .075 10.4 7 922.9 6.9 9.7 7.6 15.10 16.8 .500 10.00 .779 10.4 7 922.9 6.9 9.7 7.4 15.19 16.72 .563 7.00 .075 7.0 1.22.3 954.4 6.9 9.1 15.75 14.88 .500 10.00 .719 10.0  7.19 10.0 7.19 10.0 7.19 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.10 10.0 7.	25 78	78.3		105.4	678.3	2.9	8.7	3	2	14.72	.438	10-00	.719	6.61	
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6.5         651.8         6.9         9.2         7.8         13.91         16.66         501         9.01         .656         10.05         9.01         .656         .651         9.01         .656         10.05         .653         6.00         .656         10.05         .656         10.05         .656         10.05         .656         10.05         .656         10.05         .656         10.05         .656         10.05         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .656         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666         .666	8.5 851.8 6.9 9.2 7.8 13.91 16.66 .500 9.00 .656 8.4 971.9 7.3 9.3 14.06 18.66 .503 9.01 .656 18.4 971.9 7.3 9.3 9.8 14.06 18.66 .563 6.00 .655 10 .656 10 .0 10.7 7.3 9.5 9.6 14.06 18.72 .503 7.00 .675 10 .656 10 .7 7.7 7.3 9.5 9.6 14.47 16.72 .563 6.00 .7 19 10 .7 10.7 7.2 9.5 9.4 7.7 14.47 16.72 .503 9.00 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 19 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7 10 .7	6.5 651.8 6.9 9.2 7.8 13.91 16.66 .500 9.00 .656 9.4 971.9 7.3 9.3 9.8 14.06 18.66 .563 6.00 .656 10.0 10.1 10.0 10.0 10.0 10.0 10.0 10.	46.75 92.6	95.6		0	845.7		9.1			-	.500	8.00	.719	8.55	
99.4 971.9 7.3 9.3 9.8 14.06 18.66 .563 6.00 .656 10 110.0 674.1 6.9 9.3 7.9 14.13 16.86 .563 6.00 .675 6.10 115.4 665.6 6.9 9.4 7.7 14.47 16.72 .563 6.00 7.19 115.4 665.6 6.9 9.4 7.7 14.47 16.72 .501 9.00 .719 114.9 1067.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .719 114.9 1067.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .719 116.4 1081.6 7.4 9.9 9.1 15.39 16.72 .563 8.00 .675 115.4 1081.6 7.4 9.9 9.1 15.3 18.66 .503 8.00 .675 115.3 964.4 6.9 10.0 7.3 15.8 16.8 .500 9.00 .875 127.8 1132.2 7.5 10.1 9.0 15.8 16.6 .563 8.00 .675 125.4 1158.8 7.5 10.3 9.1 16.3 19.00 .563 6.00 .057 125.4 1158.0 7.5 10.3 8.9 16.25 16.86 .563 9.00 .719 10 129.4 1158.0 7.5 10.3 8.9 16.25 16.86 .563 9.00 .779 10	99.4 971.9 7.3 9.3 9.8 14.06 18.66 .563 6.00 .656 10 110.0 674.1 6.9 9.3 7.9 14.13 16.88 .510 7.00 .675 10 110.4 1007.7 7.3 9.5 14.14 18.72 .563 6.00 .719 10 115.4 665.6 6.9 9.4 7.7 14.47 16.72 .501 9.00 .719 10 114.9 1067.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .779 11 116.4 1081.6 7.4 9.9 9.1 15.39 16.62 .563 8.00 .719 11 123.1 756.3 6.9 9.7 7.4 15.39 18.66 .563 8.00 .719 11 125.1 1122.2 7.5 10.1 9.0 15.88 16.88 .501 10.00 .875 11 127.8 1130.8 7.5 10.1 9.0 15.88 16.66 .563 8.00 .779 11 127.8 1154.8 7.5 10.3 8.9 16.13 19.66 .563 8.00 .779 11 129.4 1158.0 7.5 10.3 8.9 16.59 18.72 .563 8.00 .779 11 129.4 1158.0 7.5 10.3 8.9 16.55 18.86 .563 7.00 10.00 10 135.3 1173.7 7.5 10.3 8.9 16.59 18.72 .563 9.00 .779 10	99.4 971.9 7.3 9.3 9.8 14.06 18.66 .563 6.00 .656 10 110.0 674.1 6.9 9.3 7.9 14.13 16.88 .500 7.00 .675 0 115.4 1067.7 7.3 9.5 14.44 16.72 .563 6.00 .719 10 115.4 1067.2 7.4 9.6 14.47 16.72 .563 7.00 .719 10 114.9 1067.2 7.4 9.8 9.3 15.16 16.72 .563 7.00 .719 10 114.9 1067.2 7.4 9.8 9.3 15.16 16.72 .563 7.00 .719 10 115.4 1081.6 7.4 9.9 9.1 15.38 16.66 .563 8.00 .719 10 123.1 756.3 6.2 9.1 6.1 15.75 14.86 .500 10.00 .719 10 125.1 1122.2 7.5 10.1 9.0 15.88 18.72 .563 8.00 .715 11 126.8 1154.8 7.5 10.2 8.9 16.03 18.66 .563 9.00 .719 10 127.8 1130.8 7.5 10.3 9.1 16.13 19.00 .563 9.00 .719 11 129.4 1158.0 7.5 10.3 8.9 16.25 18.86 .563 9.00 .779 11 135.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .779 11	.29 92.	92.1		0		6.9	9.5		•	16.66	.500	9.00	969.	9.52	
110.0 674.1 6.9 9.3 7.9 14.13 16.86 .500 7.00 .675 6 104.6 1017.7 7.3 9.5 9.6 14.44 18.72 .563 6.00 .719 10 115.4 65.5 6.9 9.4 7.7 14.47 18.72 .501 9.00 .719 10 115.4 65.9 9.4 7.7 14.47 16.72 .501 9.00 .719 10 116.4 1067.2 7.4 9.8 9.3 15.16 16.72 .563 7.00 .875 124.7 922.9 6.9 9.7 7.4 15.19 16.72 .563 7.00 .719 10 116.4 1081.6 7.4 9.9 9.1 15.3 18.66 .563 8.00 .875 7 123.1 756.3 6.9 10.0 7.4 15.19 16.72 .501 10.00 .719 10 113.3 15.13 16.86 .503 8.00 .875 7 125.1 1132.2 7.5 10.1 7.3 15.88 16.86 .503 9.00 .875 1127.8 1130.8 7.5 10.1 9.0 15.01 16.12 .553 9.00 .875 1127.8 1130.8 7.5 10.3 9.1 16.13 19.00 .563 6.00 1.000 10 129.4 1158.0 7.5 10.3 9.1 16.13 19.00 .563 7.00 .875 10 129.4 1158.0 7.5 10.3 9.1 16.5 9.83 7.00 .875 10 135.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 135.3 1173.7 7.5 10.4 8.7 16.59 18.72 .563 9.00 .719 10 135.3	110.0 674.1 6.9 9.3 7.9 14.13 16.86 .500 7.00 .875 8  115.4 6167.7 7.3 9.5 6.4 14.44 18.72 .563 6.00 .719 10  115.4 665.6 6.9 9.4 7.7 7.6 15.00 16.86 .500 9.00 .719 10  114.9 167.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .875 8  114.9 167.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .719 10  124.7 922.9 6.9 9.7 7.4 15.19 16.72 .563 7.00 .719 10  125.1 756.3 6.2 9.1 6.1 15.75 14.86 .500 10.00 .875 125.1 1122.2 7.5 10.1 9.0 15.88 16.86 .500 9.00 .875 125.1 1122.2 7.5 10.1 9.0 15.88 16.86 .563 8.00 .875 127.8 1154.8 7.5 10.3 9.9 16.25 18.86 .563 8.00 .719 10  125.4 1158.8 7.5 10.3 9.9 16.25 18.86 .563 8.00 .719 10  125.4 1158.0 7.5 10.3 8.9 16.25 18.86 .563 7.00 .875 10  135.3 1173.7 7.5 10.8 8.7 16.59 18.72 .563 9.00 .719 10	110.0 674.1 6.9 9.3 7.9 14.13 16.86 .500 7.00 .875 115.4 6 100.0 7.3 7.9 14.13 16.86 .500 7.00 .875 115.4 6 65.6 6.9 9.4 7.7 14.44 16.72 .501 9.00 7.19 11 115.4 6 65.9 9.4 7.7 16.72 .501 9.00 7.19 11 115.4 167.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .875 114.9 1067.2 7.4 9.8 9.3 15.16 18.72 .563 7.00 .875 114.4 1081.6 7.4 9.9 9.1 15.38 18.66 .563 8.00 .719 11 123.1 756.3 6.2 9.1 6.1 15.75 14.88 .501 10.00 .719 11 123.3 964.4 6.9 10.0 7.3 15.8 18.66 .563 8.00 .875 7 125.1 1122.2 7.5 110.1 9.0 15.88 18.72 .563 9.00 .875 7 125.8 1154.8 7.5 110.3 9.1 16.13 19.00 .563 9.00 .875 11 125.8 1154.8 7.5 110.3 9.1 16.13 19.00 .563 9.00 .719 11 125.3 1173.7 7.5 110.3 8.9 16.25 18.86 .563 9.00 .719 11 135.3 1173.7 7.5 110.4 8.7 16.59 18.72 .563 9.00 .719 11 135.3 1173.7 7.5 110.4 8.7 16.59 18.72 .563 9.00 .719 18	. 80 104.	104.9		6	971.9	7.3	9.3			18.66	. 563	6.00	9690	10.72	
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SECTION
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1	SHEAR	AR	3.	3.	3.	2.	3.4	3.	3.4	2.5	3.4	3.11	4.0	2.	3.6							-				4.89	3.6	3	4.91	•		•	4.86	3.	4.91	•	6.56		16.4		9	3	6.5	9	3		
******	FLANGE	THICK	.563	.438	.500	.500	.438	.500	.563	.563	.500	.500	694.	.563	.563	500	531	460	204	626	200	456	. 6 3 4	563	46	204	563	.531	.656	694.	.688	.594	.531	.750	•656	*66.	.531	****	. 626	524	959	.875	.594	.719	.656	1.000	
	FLA	MIDTH	4-00	6.00	5.00	7.00	6.00	6- 00	5.00	7.00	6.00	7.00	4.00	7.00	6-00	7.00	00-4	20.0	200	7.00	200		200	8-00	9	200	8.00	6.00	2.00	7.00	7.00	6.00	2.00	7-00	9-00	00-	2.00				5.00	7.00	6.00	5.00	8.00	6.00	
10	MEB	THICK	.313	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	313	.313	313	375	175	175	275	212	375	177	313	375	175	313	.375	.375	.375	.438	.375	.375	.438	.375	.375	. 430		.372		63.8	.500	.438	.438	.375	.563	
BEAN		DEPTH	10.56	9.44	10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	12.47	8.56			12.53	12.47	12.50	7.62	20.00	12.66	12.61	2.56	12.67	12.50	10.56	12.53	12.66	12.47	69.2	12.59	12.53	1.75	12.66	12.59	14.55	2001	12.00	14.67	14.66	7.88	14.59	14.72	12.66		
******		AREA	5.38	2.44	5.63	69.5	5.75.	5.81	5.94	6.13	6.13	6.31	6.38	99.9	6.50	2.63	6.63	6.84								7.47	7.63	7.69	7.78	7.78	7.88	9.00	8.22		44.0		0.0	•			19.6			~	9.75	9.94	
		4	7.2	6.3	7.0	4.7	6.9	6.1				5.9	8.5	5.2	9.9	4.4	8.3								1.0			7.7	7.8	7.6	*:	2.6	1.4		4.4	2:	1.6		:			4.2	9.0	8.7			
		4	3.8	3.6	4.0	3.2	4.0	3.8	4.1	3.4	4.2	4.1	4.5	3.8	4.4	4.5	4								2.0		5.0	5.3	5.3	5.3	3.7	5.5	2.6	3.9	2.1	2.0	5.9		•		2.9	4.1	6.4	6.5	6.3	4.1	
		œ	4.4	4.1	4.5	3.4	4.5	4.2	4.5	3.4	4.6	4.2	5.0	3.9	9-4	4.7	2.1			2.5			2.5	4	2.3	2		5.3	5.4	5.3	3.5	2.4	2.4	3.5	2.5	2.5	5.0	•	2.0			3.5	6.1	6.1	9.5	3.5	:
		INERTIA	216.0	186.2	226.5	131.9	230.9	200.3	241.4	141.3	246.3	216.6	301.4	183.6	264.6	268.1	319.2	222	336.6	152.1	285.6	353.0	362.6	247.4	360.3	371.0	305.5	383.1	391.2	386.6	162.7	484.5	411.5	171.1	425.6	434.0	506.0	2000	457.5	2000	556.0	188.9	573.5	579.6	486.3	191.8	
	HODOLOS	ZFL	30.1	29.8	32.4	27.9	33.7	32.8	35.2	30.7	37.1	36.9	35.7	35.5	40.4	41.5	38.3				2 2 2	4.5.4		45.1		17.0	50.7	49.7	50.4	50.9	37.0	53.6	52.5	39.6	57.3	59.6	55.9	23.2	***	200	63.1	45.0	66.7	66.7	71.3	44.3	
	SECT TON	ZPL	26.7	51.4	57.3	41.0	57.4	52.4	58.3	41.6	58.5	53.3	67.7	67.9	59.5	59.6	69.0	2.09	20.7	45.6	20.00	71.3	71.0	24.9	71.6	72.2	61.4	72.7	73.4	72.8	43.6	73.9	74.1	44.3	75.0	12.5	92.0		***		988.4	45.8	89.1	89.6	77.5	46.7	
	-							-	20.20				9			ď										•	0			4											31.99					3.	
	1						.438T	.500T	.5631	.563T	.500T	.500T	1694.	.563T	. 5631	500T	5311	T694	596T	1255T	56.21	. 656T	5317	56.31	1694	5947	5637	.5311	.656T	1694.	.688T	1965	. 531T	.750T	-656T	1966.	-5311	1100	1929		. 556T	1578	1965.	7117	.656T	-000T	
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67.15 145.1 141.2 1451.6 7.8 110.4 9.1 113.1 19.00 555 115.00 5.00 5.00 5.00 5.00 5.00	58.8	5	152.0	1382.9	7.7	10.1	-	17.31	18.72	.563	10.00	.719	10.79
66.44 144.3 190.6 1563.1 7.0 110.9 8.4 20.13 19.00 .563 110.00 .007 70.14 144.5 190.7 1666.0 7.0 111.1 8.5 21.30 19.10 .563 110.00 .007 70.14 144.5 190.7 1666.0 7.0 111.1 8.5 21.30 19.13 .563 12.00 .007 75.85 178.7 201.0 193.6 1647.8 7.0 111.1 8.5 21.30 19.13 .568 10.00 .007 75.85 178.7 201.0 193.6 1647.8 8.7 11.0 10.5 22.31 21.80 .688 10.0 .017 79.70 103.3 217.3 2263.6 8.7 12.1 10.5 22.31 21.80 .688 10.0 .075 81.80 103.7 231.0 2263.5 244.4 22.2 24.0 12.0 .688 10.0 .075 81.80 105.8 235.5 244.4 2356.5 8.8 12.7 12.4 10.2 23.4 21.80 .688 11.0 .075 81.80 105.8 235.5 244.4 2356.5 8.8 12.7 10.3 24.9 21.80 .688 11.0 .075 81.80 105.8 235.5 244.4 2356.5 8.8 12.7 12.4 10.2 23.4 21.80 .688 11.0 .075 81.80 105.8 235.5 244.4 2356.5 9.7 13.6 11.7 22.4 24.0 .750 11.0 .075 91.80 225.3 259.5 236.6 9.7 13.6 11.7 22.7 24.8 .688 11.0 .0 .075 91.80 225.3 259.5 236.6 9.7 13.6 11.1 20.7 24.8 .750 11.0 .075 91.80 225.3 259.5 236.6 9.7 13.7 11.1 20.2 2.4 8 .750 11.0 .075 91.80 225.3 259.5 236.5 9.8 14.1 11.1 20.2 2.4 8 .750 11.0 11.2 2.0 2.0 .750 11.0 .0 .075 91.80 225.3 259.5 236.5 9.8 14.1 11.1 20.2 2.2 2.1 3 .750 11.0 .0 .075 91.80 225.3 259.5 236.5 9.8 14.1 11.1 20.2 2.2 2.1 3 .750 11.0 11.2 2.0 11.0 11.2 2.0 2.0 .750 11.0 11.2 2.0 2.0 11.0 11.2 2.0 2.0 11.0 11	61.6		161.8	1461.6	7.8	10.4	9.0	18.13	19.00	.563	8.00	1.000	10.94
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78, 55 1811, 3 215, 5 2197, 8 8, 7 12, 1 10, 2 23, 19 21, 8 6.68 10, 00 8, 10, 10 10, 10, 10, 10, 10, 10, 10, 10,	. 75		201.0	2111.4	2.8	11.8	2	22.31	21.88	.688	9.00	.875	15.35
79.70 183.3 217.3 2243.5 8.8 12.2 10.3 23.44 2213 .688 8.00 1.125 81.80 18.0 2276.9 8.7 12.4 9.9 24.0 22.13 .688 11.0 .875 81.80 186.2 235.5 235.5 244.4 225.5 8.8 12.7 9.6 24.9 21.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .688 11.0 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875 81.8 .875	7.8		215.5	2197.8	8.7	12.1	~	23.19	21.88	.688	10.00	.875	15.35
81.80 188.7 230.0 2270.9 8.7 12.4 9.9 24.06 21.80 .686 11.80 .0.075 84.80 18.85 2346.5 8.8 12.6 10.0 24.95 22.83 .686 94.00 11.25 84.80 18.85 234.8	79		217.3	2243.5	8.8	12.2	-	23.44	22.13	.688	8-00	1.125	15.53
83.50 186.2 235.5 2346.5 8.8 12.7 9.6 22.8 3 .688 12.0 10.1228 84.8 18.8 12.7 9.6 22.8 94 21.8 6 .688 12.0 10.0 11.1228 18.8 18.8 18.8 18.8 18.8 18.8 1	.19		230.0	2278.9	8.7	12.4	6	54.06	21.88	.688	11.00	.875	15.35
84.80 185.8 244.4 2355.3 8.8 12.7 9.6 24.94 21.86 .688 12.00 .075 87.75 188.8 253.5 2441.8 8.8 12.9 9.4 25.81 .688 10.00 11.25 90.95 222.3 259.2 3029.8 9.7 13.6 11.7 26.75 24.88 .750 10.00 .875 91.80 225.3 259.2 3029.8 9.7 13.7 11.8 27.83 24.88 .750 10.00 .875 92.94 225.3 275.2 3135.9 9.7 13.7 11.8 27.83 24.88 .750 11.00 .875 93.94 225.3 275.2 3135.9 9.6 14.1 11.4 22.13 .750 9.00 11.125 95.94 228.3 27.2 27.2 27.2 27.2 27.6 2.0 25.13 .750 11.0 0 .875 95.96 228.1 29.4 3239.3 9.6 14.1 11.4 22.13 .750 12.0 0 .875 99.89 231.5 30.7 337.6 9.8 14.1 11.4 22.13 .750 12.0 0 .875 102.65 196.5 325.6 2765.9 9.8 14.1 11.4 22.13 .750 12.0 0 .875 110.94 240.0 343.4 2834.5 9.7 14.3 10.8 22.13 .688 14.0 0 1.125 110.94 240.0 36.3 3507.7 9.8 15.4 10.2 32.13 .688 14.0 0 1.125 110.94 240.0 36.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 13.0 0 1.125 110.94 240.0 36.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 13.0 0 1.125 110.94 240.0 36.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 10.0 0 1.25 131.34 34 303.6 420.6 2765.9 10.8 15.4 10.2 32.63 25.13 .750 13.0 0 1.25 131.35 39 302.9 474.2 510.8 17.0 11.7 30.2 52.13 .875 11.0 0 1.2 20.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.3 510.0 1.	83		235.5	2346.5	8.8	12.6	0	24.56	22.13	.688	9.00	1.125	15.53
87.35 188.6 253.5 2441.8 8.8 12.9 9.6 25.65 22.13 .688 110.01 1.125 91.95 222.3 259.5 2426.6 8.8 12.9 9.4 25.81 2.88 .688 130.0 .875 91.99 25.22 3 259.5 3026.8 9.7 13.7 11.8 27.80 25.13 .750 10.010 .875 91.80 224.5 261.2 3136.9 9.7 13.7 11.8 27.80 25.13 .750 10.010 .875 95.80 226.3 275.2 2136.9 9.7 13.7 11.8 27.80 25.13 .750 10.010 .875 95.80 226.3 281.6 3223.3 9.7 14.2 11.1 28.50 24.88 .750 11.0 10.812 95.69 226.3 281.7 302.1 335.8 9 9.7 14.2 11.1 28.50 24.88 .750 11.0 10.812 95.69 226.3 281.7 302.1 335.8 9 9.7 14.5 11.1 28.50 24.88 .750 11.0 1.2 125 99.89 231.7 302.1 335.8 9 9.7 14.5 11.1 28.25 22.13 .750 11.0 10.1 1.125 110.8 55 136.9 9.8 14.9 11.1 11.1 28.20 22.13 .750 11.0 10.1 1.125 110.8 5 19.80 13.3 1.2 110.8 11.1 110.8 11.1 11.1 11.1 11.1 11	40	_	244.4	2355.3	8.8	12.7	9	54.94	21.88	.688	12.00	.875	15.35
90.95 222.3 259.2 3029.6 9.7 13.6 11.7 26.75 24.86 .750 10.00 .875 91.00 224.5 25.13 .750 25.13 .750 10.00 .875 91.00 224.5 255.3 275.2 3136.9 9.7 13.7 11.8 27.63 24.86 .750 11.00 .875 93.94 225.3 275.2 3136.9 9.7 13.7 11.4 20.13 .750 11.00 11.125 95.64 226.3 275.2 3136.9 9.7 13.7 11.4 20.13 .750 11.00 11.125 95.64 226.3 275.2 3136.9 9.7 13.7 11.4 20.13 25.13 .750 12.00 11.125 95.64 226.3 275.2 3137.6 9.7 14.2 11.1 20.25 25.13 .750 12.00 11.125 99.69 230.6 310.7 337.6 9.7 14.5 11.1 20.25 25.13 .750 12.00 11.125 11.6 5 210.7 337.6 9.7 14.5 11.1 20.25 25.13 .750 12.00 11.125 11.6 5 21.0 27.3 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.0 25.13 .750 12.00 11.125 11.125 11.0 25.13 .750 12.00 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11.125 11	688/1.1257 87.3	10	253.5	2441.8	8.8	12.9	9	55.69	22.13	.688	10.00	1.125	15.53
90.95 222.3 259.2 3029.6 9.7 13.6 11.7 26.75 24.80 .750 10.00 .075 91.00 228.5 261.2 3186.8 9.7 13.7 11.4 27.00 25.13 .750 10.00 .075 93.94 225.3 275.2 3186.8 9.7 13.7 11.4 27.00 25.13 .750 10.00 10.25 93.94 225.3 275.2 3136.9 9.7 13.7 11.4 28.13 .750 10.00 10.25 95.94 225.3 275.2 3135.9 9.6 14.1 11.4 28.13 27.0 1750 10.00 10.125 99.95 64 228.1 291.4 3239.3 9.7 14.2 11.1 28.50 24.80 .750 12.00 10.125 99.96 21 228.1 291.4 3239.3 9.7 14.2 11.1 28.50 24.80 .750 12.00 10.125 99.96 21 228.1 291.4 3239.3 9.7 14.2 11.1 28.25 25.13 .750 12.00 10.125 99.96 21 20.5 325.6 2765.9 8.0 14.1 10.5 31.9 22.13 .688 14.00 10.125 110.96 25 196.5 325.6 2765.9 8.0 14.1 10.5 31.3 22.13 .688 14.00 10.125 110.97 237.5 342.8 343.4 283.3 3694.7 9.8 15.1 10.5 31.3 22.13 .688 15.00 10.125 127.09 299.8 429.6 276.2 10.7 16.6 12.2 37.3 28.3 .875 11.00 10.125 131.05 299.8 429.6 510.8 16.6 12.2 37.3 28.3 .875 11.0 10.125 131.05 299.8 429.6 510.8 16.8 17.0 12.2 37.3 28.3 .875 11.0 10.125 131.7 30.9 299.8 478.2 511.5 10.7 17.1 11.5 39.3 28.13 .875 11.0 10.125 133.89 312.9 478.2 511.5 10.7 17.1 11.5 39.3 28.13 .875 11.0 10.125 146.75 367.9 481.1 6633.3 11.6 10.0 13.8 43.75 13.3 11.0 10.0 1.125 153.00 373.8 510.0 663.4 11.6 11.0 13.8 45.13 11.0 10.0 11.0 10.0 1.750 153.44 373.3 511.0 685.4 11.6 11.0 13.2 47.5 13.38 1.00 10.0 10.0 1.750 161.50 304.5 555.3 714.0 11.7 19.0 13.2 47.5 11.0 10.0 10.0 10.0 10.0 10.0 10.0 10	.875T 87.7		258.5	2426.6	8.8	12.9		25.81	21.88	.688	13.00	.875	15.35
91.80 224.5 261.2 3066.8 9.7 13.7 11.8 27.00 25.13 .750 6.00 1.125 95.64 225.3 275.2 3136.9 9.7 13.7 11.8 27.01 25.13 .750 11.0 .875 95.64 225.3 275.2 3136.9 9.7 13.9 11.4 27.63 24.86 .750 11.0 .875 95.64 226.1 291.4 3239.3 9.7 14.2 11.1 28.63 24.86 .750 12.00 1.125 96.90 228.1 291.4 3239.3 9.7 14.2 11.1 28.63 24.86 .750 12.00 1.125 96.90 228.1 3357.6 9.0 14.1 29.25 25.13 .750 10.00 1.125 96.90 228.1 3357.6 9.7 14.1 29.25 25.13 .750 10.00 1.125 10.645 196.0 343.4 284.5 8.7 14.1 29.25 25.13 .750 10.00 1.125 10.645 196.0 343.4 284.5 8.7 14.1 29.25 25.13 .750 10.00 1.125 10.9 29.6 196.0 343.4 284.5 8.7 14.1 29.25 25.13 .750 10.00 1.125 110.9 29.6 196.0 343.4 284.5 8.7 14.3 8.3 31.3 22.13 .750 12.0 1.125 110.9 296.9 401.5 4958.5 10.8 15.4 10.5 31.5 25.13 .750 10.00 1.125 110.9 296.9 401.5 4958.5 10.8 16.6 12.4 37.3 25.13 .750 12.00 1.125 13.3 369.9 408.2 4972.2 10.7 16.6 12.2 37.3 26.36 .875 11.0 11.25 13.3 313.0 296.9 408.2 4972.2 10.7 16.6 12.2 37.3 26.3 8.7 26.3 8.7 26.3 13.3 13.3 13.3 313.0 313.4 455.4 5146.7 10.8 17.0 11.8 38.7 26.3 8.7 26.3 8.7 26.0 11.25 13.0 11.25 13.3 313.0 455.4 516.0 10.7 17.0 11.8 38.7 26.3 8.7 26.3 8.7 26.0 11.25 11.25 11.25 11.25 11.2 11.5 26.5 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.00 1.2 10.2 10	.06	2	259.2	3029.8	1.6	13.6		26.75	24.88	.750	10.00	.875	18.99
93.94 225.3 275.2 3135.9 9.7 13.9 11.4 27.63 24.06 .750 11.00 .075  95.64 228.3 281.6 3223.9 9.8 14.1 11.4 28.13 25.13 .750 9.0 14.25  99.45 231.7 302.1 3353.0 9.8 14.5 11.1 29.25 25.13 .750 10.0 12.20  99.45 231.7 302.1 3357.6 9.8 14.5 11.1 29.25 25.13 .750 10.0 12.20  102.65 196.5 325.6 2765.9 9.8 14.5 11.1 29.25 25.13 .750 10.0 1.125  107.10 237.5 342.8 2834.5 9.8 14.1 10.5 31.31 22.13 .688 15.00 1.125  107.10 237.5 342.8 2834.5 9.8 14.1 10.5 31.31 22.13 .688 15.00 1.125  110.94 240.0 343.4 2834.5 9.8 15.4 10.5 31.31 22.13 .688 15.00 1.125  110.94 240.0 343.4 2834.5 9.8 15.4 10.5 31.31 22.13 .688 15.00 1.125  110.94 240.0 343.3 3694.7 9.8 15.4 10.5 31.31 22.13 .750 13.00 1.125  127.09 299.0 401.5 4958.5 10.8 16.6 12.4 37.13 28.50 .875 10.0 1.500  131.34 303.6 430.9 5153.4 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.375  131.35 303.6 430.9 5153.4 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.375  131.75 303.0 435.4 5148.7 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.375  137.77 514.7 518.6 5567.5 10.8 18.0 11.2 49.50 28.13 .875 11.00 1.375  146.6 4 314.7 518.6 5667.5 11.8 18.0 11.2 49.50 28.13 .875 11.00 1.0.00 1.375  153.89 373.8 506.2 6667.0 11.6 18.0 13.2 47.5 0.31.3 1.00 1.00 1.750  153.84 373.3 511.0 6665.0 11.6 18.0 13.2 47.5 0.31.75 1.000 1.0.00 1.750  153.84 373.3 511.0 6653.4 11.6 18.4 13.4 45.13 31.38 1.000 1.0.00 1.750	91.		261.2	3086.8	4.6	13.7		27.00	25.13	.750	8.00	1.125	19.18
95.64 228.3 281.6 3223.9 9.8 14.1 11.4 28.13 25.13 .750 9.00 1.125 96.90 220.1 291.4 3239.3 9.7 14.2 11.1 28.50 24.88 .750 12.00 .875 99.89 220.1 291.4 3239.3 9.7 14.5 11.1 28.50 24.88 .750 10.00 1.125 99.89 230.6 307.7 3377.6 9.7 14.5 10.8 29.25 25.13 .688 15.00 1.125 102.65 196.5 325.6 2765.9 0.8 14.1 0.5 30.19 22.13 .688 15.00 1.125 106.45 198.0 343.4 2834.5 0.8 14.1 10.5 31.31 22.13 .688 15.00 1.125 110.94 240.0 363.3 3694.7 9.8 15.4 10.5 31.31 22.13 .688 15.00 1.125 110.94 240.0 363.3 3694.7 9.8 15.4 10.5 31.31 20.50 25.13 .750 13.00 1.125 1127.09 298.9 408.2 4956.5 10.8 15.4 10.5 37.2 37.3 28.3 .875 10.0 1.125 137.3 298.9 408.2 4958.5 10.8 16.6 12.4 37.13 28.3 .875 10.00 1.125 137.3 299.8 429.6 430.9 5153.4 10.8 17.0 12.8 38.2 528.3 .875 10.00 1.125 133.3 303.6 430.9 5148.7 10.8 17.0 12.8 39.8 28.3 .875 11.00 1.1375 133.3 474.2 5148.7 10.8 17.0 11.8 38.7 28.3 .875 11.0 1.375 133.3 474.2 5148.7 10.8 17.0 11.8 38.7 28.3 .875 11.0 1.375 11.0 1.375 146.7 518.6 516.7 11.6 11.7 17.1 11.5 39.3 28.13 .875 11.0 11.0 11.375 146.7 518.6 516.7 11.6 18.0 13.8 43.7 51.3 11.0 11.0 11.375 15.00 11.0 10.00 11.375 15.00 37.3 367.9 481.1 6633.3 11.6 18.0 13.6 43.0 31.3 11.0 11.0 11.3 11.3 11.3 11.3 1	93.		275.2	3136.9	2.6	13.9		27.63	24.88	.750	11.00	.875	18.99
96.90 228.1 291.4 3239.3 9.7 14.2 11.1 28.50 24.88 .750 12.00 .875 99.45 231.7 312.1 3353.0 9.8 14.5 11.1 28.50 24.88 .750 112.00 .875 99.45 231.7 312.1 3353.0 9.8 14.5 11.1 29.25 25.13 .750 110.00 1.125 110.2 55 196.5 325.6 2755.9 8.8 14.5 110.8 22.13 .688 14.00 1.125 110.9 231.3 22.13 .688 15.00 1.125 110.9 21.0 237.5 342.8 3587.2 9.8 15.1 10.5 31.3 22.13 .688 15.00 1.125 110.9 24 240.0 353.3 3594.7 9.8 15.4 10.5 31.5 25.13 .750 12.00 1.125 110.9 22.0 20.0 353.3 3594.7 9.8 15.4 10.5 31.5 25.13 .750 12.00 1.125 110.9 237.5 240.0 353.3 3594.7 9.8 15.4 10.2 37.3 25.13 .750 12.00 1.125 127.09 298.9 408.5 4972.2 10.7 16.8 11.7 38.25 28.13 .750 13.00 1.525 13.00 1.325 131.34 303.6 430.9 5153.4 10.8 17.0 12.0 38.63 28.50 .875 11.00 1.525 131.3 303.0 455.4 5148.7 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.525 133.8 133.8 303.0 474.2 5314.5 10.7 17.4 11.5 38.3 28.3 875 11.00 1.525 14.00 1.125 146.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.5 13.00 11.25 146.0 1.125 146.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.5 11.00 11.00 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.50	95.		281.6	3223.9	9.8	14.1		28.13	25.13	.750	9.00	1.125	19.18
99.45 231.7 302.1 3353.0 9.0 14.5 11.1 29.25 25.13 .750 10.00 1.125 102.65 196.5 307.7 3335.6 9.7 14.5 10.8 29.30 24.06 .750 13.00 .075 110.25 102.65 196.5 325.6 2765.9 8.6 14.1 8.5 310.19 22.13 .688 14.00 1.125 107.10 237.5 342.6 354.7 9.8 15.4 10.5 31.31 22.13 .688 15.00 1.125 110.94 240.0 353.3 342.8 3594.7 9.8 15.4 10.2 32.63 25.13 .750 12.0 1.125 110.94 240.0 353.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 13.00 1.125 125.24 299.0 401.5 4958.5 10.8 15.4 10.2 32.63 25.13 .750 13.00 1.125 127.09 298.9 408.2 694.7 10.8 15.4 11.7 38.25 28.13 .75 10.00 1.500 1.125 137.0 303.6 437.9 5153.4 10.8 17.0 11.8 38.75 28.30 .875 110.00 1.125 131.34 303.6 452.4 5148.7 10.8 17.0 11.8 38.75 28.30 .875 110.00 1.125 133.89 302.9 452.1 510.0 17.0 11.8 38.75 28.30 .875 110.00 1.125 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 110.00 1.125 146.7 7 17.1 11.5 39.38 28.13 .875 110.00 1.125 146.7 5 367.9 481.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 11.00 11.25 153.0 1.500 1.500 1.500 1.500 1.500 1.500 373.8 555.3 511.0 6653.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 11.750 155.0 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 11.00 11.750	96		291.4	3239.3	7.6	14.2		28.50	24.88	.750	12.00	.875	18.99
99.89 230.6 307.7 3337.6 9.7 14.5 10.8 29.36 24.86 .750 13.00 .875 1102.65 196.5 325.6 2765.9 8.8 14.1 8.5 30.19 22.13 .688 14.00 1.125 1105.10 237.5 342.8 3597.5 9.8 15.1 10.5 31.31 22.13 .688 14.00 1.125 110.94 240.0 363.3 3694.7 9.8 15.1 10.5 33.50 25.13 .750 12.00 1.125 110.94 240.0 363.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 12.00 1.125 126.24 299.0 401.5 4958.5 10.8 16.6 12.4 37.13 28.50 .875 13.00 1.125 127.09 298.9 408.2 697.2 10.8 16.6 12.4 37.13 28.50 .875 10.00 1.375 131.05 299.8 429.6 5044.3 10.7 16.6 12.2 37.38 28.38 .875 110.00 1.375 131.34 303.6 437.9 5153.4 10.8 17.0 11.8 38.55 28.38 .875 11.00 1.375 133.89 302.9 452.1 5181.9 10.7 17.0 11.8 38.55 28.38 .875 11.00 1.375 133.89 302.9 452.1 5181.9 10.7 17.0 11.8 38.55 28.38 .875 11.00 1.375 146.6 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.125 146.6 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.375 15.00 1.500 1.500 1.500 1.500 1.500 1.537 15.00 373.8 511.0 6863.4 11.6 18.4 13.6 45.00 31.38 1.000 11.00 1.375 15.00 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500	99.	2	302.1	3353.0	8.6	14.5		29.25	25.13	.750	10.00	1.125	19.18
102.65 196.5 325.6 2765.9 0.8 14.1 0.5 30.19 22.13 .688 14.00 1.125 106.45 198.0 343.4 2834.5 0.7 14.3 0.3 31.31 22.13 .688 14.00 1.125 110.91 237.5 343.4 2834.5 0.7 14.3 0.3 31.31 22.13 .688 15.00 1.125 110.94 240.0 237.5 3694.7 9.8 15.4 10.2 32.63 25.13 .750 13.00 1.125 126.24 299.0 401.5 4958.5 10.8 16.6 12.4 37.13 20.50 .075 10.00 1.255 137.05 299.8 429.6 5044.3 10.7 16.6 12.2 37.38 20.38 .075 10.00 1.375 131.05 299.8 429.6 5044.3 10.7 16.6 12.2 37.38 20.38 .075 10.00 1.375 131.34 302.9 452.1 5140.7 17.0 11.8 30.38 20.38 .075 11.00 1.375 13.89 302.9 452.1 5140.9 10.7 17.1 11.5 39.38 20.38 .075 11.00 1.375 13.89 137.7 518.6 5667.5 10.8 17.0 11.2 40.50 20.13 .075 11.00 1.375 146.6 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 20.5 0.375 13.00 1.259 146.7 518.6 5667.5 10.8 18.0 10.9 43.13 20.5 13.00 1.375 15.00 1.500 1.500 1.5500 375.8 50.2 511.0 6663.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.375 15.00 1.500 1.500 1.500 1.500 375.8 513.8 511.0 6663.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.500 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.00 1.375 15.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 11.375 13.100 13.375 13.100 11.375 13.100	99.	6	307.7	3337.6	4.6	14.5		29.38	24.88	.750	13.00	.075	18.99
106.45 198.0 343.4 2034.5 8.7 14.3 8.3 31.31 22.13 .668 15.00 1.125 107.10 237.5 342.8 3587.2 9.8 15.1 10.5 31.50 25.13 .750 12.00 1.125 1126.24 299.0 401.5 35.3 3694.7 9.8 15.4 10.5 31.50 25.13 .750 13.00 1.125 126.24 299.0 401.5 401.5 10.8 16.6 12.4 37.13 28.50 .875 10.00 1.125 137.05 298.9 408.2 4972.2 10.7 16.6 12.2 37.38 28.38 .875 10.00 1.375 130.05 299.8 429.6 5044.3 10.7 16.8 11.7 38.25 28.13 .875 10.00 1.375 131.34 302.6 430.9 5153.4 10.8 17.0 11.8 38.53 28.50 .875 11.00 1.375 133.89 302.9 474.2 5311.9 10.7 17.4 11.5 38.53 28.38 .875 11.00 1.325 137.70 305.9 4774.2 5311.5 10.7 17.4 11.5 40.50 28.13 .875 11.00 1.325 146.7 17.4 11.5 40.50 28.13 .875 13.00 1.375 146.6 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.375 146.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.375 15.00 1.500 1.500 1.500 1.5374 333.3 511.0 6683.4 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.375 15.00 1.500 1.500 1.500 1.5374 333.3 511.0 6683.4 11.6 18.4 13.4 45.13 31.38 1.000 11.000 1.375 15.10 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11.50 11	102.	2	325.6	2765.9	8.8	14.1		30.19	22.13	.688	14.00	1.125	15.53
110.94	106	2	343.4	2834.5	8.7	14.3		31.31	22.13	.688	15.00	1.125	15.53
110.94 240.0 363.3 3694.7 9.8 15.4 10.2 32.63 25.13 .750 13.00 1.125 126.24 299.0 401.5 4958.5 10.8 16.6 12.4 37.13 28.50 .875 9.00 1.500 126.24 299.0 401.5 4972.2 10.7 16.6 12.2 37.38 28.38 .875 10.00 1.570 130.05 299.8 429.6 5044.3 10.7 16.6 12.2 37.38 28.13 .875 10.00 1.275 131.75 303.6 430.9 5153.4 10.8 17.0 12.8 38.75 28.38 .875 11.00 1.575 137.89 302.9 452.1 5181.9 10.7 17.1 11.5 39.38 28.13 .875 11.00 1.375 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 11.00 1.375 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 11.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 11.00 1.125 153.70 375.8 506.2 6867.9 11.6 18.4 13.6 45.00 31.50 1.000 11.00 1.579 153.44 373.3 511.0 6863.4 11.6 18.4 13.6 45.13 31.50 1.000 11.00 1.579 153.44 373.3 511.0 6863.4 11.6 18.4 13.2 47.50 31.75 1.000 11.00 1.750	107		345.8	3587.2	9.6	15.1		31.50	25.13	.750	12.00	1.125	19.18
126.24 299.0 401.5 4958.5 10.8 16.6 12.4 37.13 28.50 .075 9.00 1.500 127.09 298.9 408.2 10.7 16.6 12.2 37.38 28.38 .875 10.00 1.570 1370.05 299.8 429.6 5044.3 10.7 16.6 12.2 37.38 28.38 .875 10.00 1.375 131.34 303.6 430.9 5153.4 10.0 17.0 11.8 38.25 28.38 .875 10.00 1.525 131.34 303.6 430.9 5153.4 10.0 17.0 11.8 38.75 28.30 .875 10.00 1.500 131.37 303.0 452.1 5181.9 10.7 17.0 11.8 38.75 28.38 .875 10.00 1.500 1.850 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 14.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 14.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.250 153.00 373.3 517.0 6867.0 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.0.00 1.575 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.575 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 10.00 1.750	110.		363.3	3694.7	8.6	15.4		32.63	25.13	.750	13.00	1-125	19.18
127.09 296.9 408.2 4972.2 10.7 16.6 12.2 37.36 28.38 .875 10.00 1.375 130.05 299.8 429.6 5044.3 10.7 16.8 11.7 38.25 28.13 .875 13.00 1.125 131.34 30.36 429.6 5044.3 10.7 16.8 11.7 38.25 28.13 .875 13.00 1.125 131.75 303.0 435.4 5140.7 10.8 17.0 11.0 38.63 28.13 .875 11.00 1.375 133.89 302.9 452.1 5181.9 10.7 17.1 11.5 39.38 28.13 .875 11.00 1.375 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 14.00 1.125 146.64 314.7 518.6 567.5 10.8 18.0 10.9 43.13 28.50 .875 14.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.25 153.00 373.8 506.2 6867.0 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.375 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.575 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 11.00 1.750	126.		401.5	4958.5	10.8	16.6		37.13	28.50	.875	00 -6	1.500	25.32
130.05 299.8 429.6 5044.3 10.7 16.8 11.7 38.25 28.13 .875 13.00 1.125 131.34 303.6 420.6 5044.3 10.7 16.8 11.7 38.25 28.50 .875 11.00 1.125 131.34 303.6 430.9 5153.4 10.8 17.0 11.8 38.75 28.50 .875 11.00 1.575 13.00 1.575 133.89 302.9 452.1 5181.9 10.7 17.1 11.8 39.36 28.13 .875 14.00 1.275 137.70 305.9 474.2 5311.5 10.7 17.4 11.2 40.50 28.13 .875 14.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.125 148.75 367.9 481.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.500 153.44 373.8 511.0 6863.4 11.6 18.4 13.6 45.03 31.38 1.000 11.00 1.575 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.575 161.50 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 11.00 1.750	127.	6	408.2	4972.2	10.7	16.6		37.38	28.38	.875	10-00	1.375	25.22
131.34 303.6 430.9 5153.4 10.8 17.0 12.0 38.63 28.50 .875 10.000 1.500 131.34 303.6 430.9 5153.4 10.8 17.0 11.8 38.75 28.38 .875 11.000 1.500 133.89 302.9 452.1 5181.9 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.375 137.8 305.9 474.2 5311.5 10.7 17.4 11.5 39.38 28.13 .875 15.00 1.125 14.00 1.125 14.0.6 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.250 148.75 367.9 481.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 10.00 10.500 153.6 153.00 373.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 1.000 10.00 10.00 1.500 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.500 1.500 1161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750	130.	10	459.6	5044.3	10.7	16.8	11.7	38.25	28.13	.875	13.00	1-125	25.00
131.75 303.0 435.4 5148.7 10.8 17.0 11.8 38.75 28.38 .875 11.00 1.375 133.89 302.9 452.1 5181.9 10.7 17.1 11.5 39.38 28.13 .875 14.00 1.125 137.70 305.9 474.2 5311.5 10.7 17.1 11.5 39.38 28.13 .875 14.00 1.125 147.70 305.9 474.2 5311.5 10.7 17.4 11.2 40.50 28.13 .875 15.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.500 1.575 153.00 373.8 506.2 6867.0 11.6 18.4 13.8 45.13 31.38 1.000 10.00 1.375 153.00 373.8 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.575 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750	131.		430.9	5153.4	10.8	17.0	12.0	38.63	28.50	.875	10.00	1.500	25.32
133.89 302.9 452.1 5181.9 10.7 17.1 11.5 39.38 28.13 .875 14.00 1.125 137.70 305.9 474.2 5311.5 10.7 17.4 11.2 40.50 28.13 .875 15.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 15.00 1.125 146.75 367.9 401.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.375 153.0 373.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 1.000 10.00 1.500 153.44 373.3 511.0 6863.4 11.6 18.4 13.6 45.13 31.38 1.000 10.00 1.500 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750	131.	2	435.4	5148.7	10.8	17.0	11.8	38.75	28.38	.875	11.00	1.375	22.52
137.70 305.9 474.2 5311.5 10.7 17.4 11.2 40.50 28.13 .875 15.00 1.125 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.500 146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.500 1.500 153.00 375.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 11.00 10.00 1.375 153.4 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.36 1.000 11.00 1.575 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750 0.4375 - 7/16 in.	133.	6	452.1	5181.9	10.7	17.1	11.5	39.38	28.13	.875	14.00	1.125	25.00
146.64 314.7 518.6 5667.5 10.8 18.0 10.9 43.13 28.50 .875 13.00 1.500 148.75 367.9 481.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.375 153.00 373.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 1.000 10.00 1.500 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.750 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750	5T 137.		474.2	5311.5	10.7	17.4	11.2	40.50	28.13	.875	15.00	1.125	25.00
148.75 367.9 481.1 6633.3 11.6 18.0 13.8 43.75 31.38 1.000 10.00 1.375 153.00 373.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 1.000 10.00 1.500 153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.375 151.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750 0.4375 - 7/16 in.	146.		518.6	5667.5	10.8	18.0	10.9	43.13	28.50	.875	13.00	1.500	25.32
153.00 373.8 506.2 6867.0 11.6 18.4 13.6 45.00 31.50 1.000 10.00 1.509 31.153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.36 1.000 11.00 1.375 31.161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750 32.	148.	2	481.1	6633.3	11.6	18.0	13.8	43.75	31.38	1.000	10.00	1.375	31.82
153.44 373.3 511.0 6863.4 11.6 18.4 13.4 45.13 31.38 1.000 11.00 1.375 31. 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750 32. 0.4375 - 7/16 in.			506.2	6867.0	11.6	18.4	13.6	45.00	31.50	1.000	10-00	1.500	31.94
17 161.50 384.6 555.3 7314.0 11.7 19.0 13.2 47.50 31.75 1.000 10.00 1.750 0.4375 - 7/16 in.	153.		511.0	6863.4	11.6	18.4	13.4	45.13	31.38	1.000	11.00	1.375	31.82
1	161.		555.3	7314.0	11.7	19.0	13.2	47.50	31.75	1.000	10.00	1.750	32.19
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4.4 3.7 6.6 5.61 9.54 3 4.4 3.6 7.5 5.63 10.9 5 4.4 3.6 7.4 5.75 10.9 7 4.1 3.4 6.6 5.81 9.9 1 3.4 3.0 7.4 5.94 10.9 1 4.5 3.7 7.4 5.94 10.9 1 4.5 3.0 5.0 6.13 7.6 1 5.0 6.13 7.6 1 6.0 7.0 6.13 7.6 1 7.0 7.0 7.0 7.0 7.0
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	SHEA	AREA	49.9	6.61	4.94	6.67	9.9	6.61	4.7	8.55	9.9	8.58	9.9	8.5	8.61	5.7	9.9			5.3	8.61	9.9	-	8.5	29.9	9.	9.			6.02	8.61	8.58	10.79			8.6	10.82	8.61	10.7	7.6	9	0	1.	0	:		
*******	ž	THICK	•656	.594	.656	.719	9699	*65*	1.000	.594	.719	.656	•656	*65.	.719	.719	.719	.656	.594	1.125	.719	.875	-719	.656		.719	.875	•656	.72	1.250	.719	.656	.656		710	875	.719	7.1	.656	.875	.875	.719	.656	1.000	.875	.719	
	FLA	HIDIM	-	7-00	9.00	6-00	7.00	8.00	7.00	5.00	7-00	5.00	00-9	6.00	5.00	9.00	8-00	6.00	7-00	7.00	6-00	5-00	10.00	7.00	9-00	7.00	6-00	8-00	10-00	7.00	8-00	9.00	9.00			8-00	7.00	10.00	8.00	10.00	9.00	8.00	9.00	6.00	7.00	9.00	
DIMENSIONS		THICK	.438	.438	.375	.438	.438	.438	.563	.500	.438	.500	.438	.500	.500	.438	.438	.500	.500	. 625	.500	.500	.438	.500	.438	.500	.500	.500	.438	.688	.500	. 500	.565	2000	2003	200	.563	.500	.563	.500	.500	.563	.563	.563	.563	.563	
*** BEAM		DEPTH	14.66	.5	12.66	14.72	14.66	14.59	8.00	16.59	14.72		14.66	16.59	16.72	12.72	14.72	16.66	16.59	7	16.72	16.88	12.72	16.66	14.72	16.72	16.88	•	•	8.25	16.72	16.66	18.66	10.00	16.72	16.88	18.72	-	9			1.	18.66				
******		AREA	10.06	2	-	10.4	10.72	10.88	10.9			11.2	11.38	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.38	12.44	12.59	12.59	13.03	13.25	13.25	13.31	13.56	13.75	13.91	14.06	14.13	16.67	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13	16.25	in	
		YF	9.1	8.9		9.0		8.7	•		8.6				10.4	7.0		10.2	10.0	4.4	10.0	10.1	6.8	9.6	8.1	4.6	9.1	•	7.8	4:4	9.4	9.3	11.2			0.0	10.7	8.8					10.3			10.1	
		Y	6.0	6.1	6.0	6.2	6.4	6.4	4.0	6.5	9.9	6.7	6.7	6.8	6.8	2.9	6.9	7.0	7.1	4.2	7.2	7.2	9.9	7.3	7.2	7.5	7.7	7.6	1.4	4.4	7.9	6.7	8.0				8.5		8.6					9.0	9.0		
		~		6.2			6.3	6.3	3.6	9.9	6.3	6.7	4.9	6.8	6.8	5.7	4.9	6.8	6.9	3.6	6.9	7.0	2.1		6.5			7.0			7.1			2.2	7.2	7.2	7.7	7.2	7.7	6.5	7.3		7.8			7.8	. 172
		INERTIA	669.1	683.3	578.7	9.669	717.7	726.6	234.3	811.1	751.2	845.2	763.0	872.2	879.3	616.3	798.3	911.3	956.8	253.4	4.646	961.5	647.5	972.5	842.7	1014.2	1040.2	1029.7	883.5	272.2	1074.9	1084-1	1208.3	111301	1131.2	180	334.	1184.3	1354.7	988.1	1242.2	408		50.	25		0005
	MODUL US	ZFL	3.4	76.4	;	~	:	83.9	2	76.5	86.9		1.68	84.8	84.6	87.8	95.7				2.46	6.46	92.6	6.86	104.6	104.7	106.9	108.0	113.4	62.2	114.7	117.2	108.1	11301	124.7	131.1	124.7	134.6	128.4	133.2	143.1	135.7	138.4	137.8	140.5	146.6	
	SECTION	ZPL	110.6	111.2	97.0	112.1	112.8	113.0	58.7	125.0	114.3	126.9	114.6	128.1	128.7	4.66	116.1	130.1	130.8	4.09	131.9	132.7	100.5	132.8	117.7	134.6	136.0	135.0	119.0	62.2	136.9	137.1	151.5	130.0	138.8	140.9	156.7	140.6	157.3	124.2	142.8	159.5	159.8	1.	161.5		
		HT/FT		34.95								m		-		39.85						42.09											00.14												55.25		
		ZE	.656T	1465.	.656T	.719T	.656T	1965.		. 594T	1617.	.656T	.656T	1465 ·	.719T	1617.	.719T	.656T	•		.719T	1578.	.719T	.656T	1617.	.7191	.875T	.656T	.73	. 25	1617.	1959.	3		7197	18751	1617.	.719T	.656T	1578.	.875T	1617.			.8751	.719T	
		ENAL SIZE	438/	438/	375/	438/	438/	.438/	.563/1.	.500/	.438/	-500/	.438/	-500/	-500/	.438/	.438/	-500/	1005.	.625/1		-5007	.438/	1005.	.438/	2005	.5007	1005.	.438/	.688/1	2005	2007	.5037	2637	2007	2007	563/	2007	563/	2007	-500/	.563/	.563/	9	.563/	•	
		NOMINAL	6X																			×	×	×	×	×	×	×	×	×	×	×	× >		×	×	×	X	×	×	×	×	×	×	×	×	
		2	14×	14X	12x	14X	14X	14X	×	16X	14X	16×	14×	16X	16X	12X	14X	16X	16X	×	16x	16x	12X1	16X	14X	16x	16X	16×	14X1	×	16X	167	101		16x	16X	18X	16X1	18X	14X1	16x	18X	18X	18X	18X 7	18X	

	EAR	REA	69.	.82	96.	.91	96.	.91	.27	04.	04.	.57	04.	.57	04.	.57	04.	10.	.22	10.	-25	*0.	-25	•	15.57	.22	.22	.38	.27	.05	.36	.27	.05	.05	.38	:	00.	. 88
*****	NGE	THICK	.875	.719	1.000	.875	1.000	.875	1.125	.875	.875	1.125	.875	1.125	.875	1.125	.875	.875	1.125	.875	1-125	.875	1.125		1.125	1.125	1.125	1.500	1.375	1.125	1.500	1.375	1.125	1.125	1.50	1.375	1.500	1.375
** SNOI	FLA	WIDTH	10.00	10.00	8.00	11-00	10-00	12.00	9-00	9.00	10-00	8.00	11-00	90.6	12.00	10.00	13-00	10.00	8-00	11.00	8.00	12.00	10-00	13.00	15.00	12-00	13.00	9-00	10-00	13.00	10.00	11-00	14-00	15.00	13.00	10-00	10-00	11.08
DIMENSIONS	MEB	THICK	.500	.563	.563	.563	.563	.563	.625	.688	.688	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750		. 688	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000
SEAM		DEPTH	16.88	18.72	19.00	18.68	19.00	18.88	19.13	21.88	21.88	22.13	21.88	22.13	21.88	22.13	21.88	24.88	25.13	24.88	25.13	24.88	25.13	20.47	22.13	25.13	25.13	28.50	28.38	28.13	28.50	28.38	28.13	28.13	28.50	31.38	31.50	31.38
*****														54.56											31.31					38.25						43.75	45.00	45.13
		YF	9.4	9.8	9.7	9.1	9.1	8.8	9.5	11.2	10.9	11.0	10.6	10.7	10.3										8.9			13.0	12.8	15.4	15.6	12.5	15.1	11.8	11.6	14.4	14.2	14.0
		YP	9.0	4.6	9.6	10.3	10.4	10.6	10.5	11.2	11.5	11.6	11.8	12.0	15.1	12.3	12.3	13.0	13.1	13.3	13.5	13.6	13.8	13.0	13.7	14.5	14.8	16.0	16.0	16.2	16.4	16.4	16.5	16.8	17.4	17.5	17.8	17.8
		~	7.3	7.9	0.0	8.0	8.1	8.0	8.0	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	6.6	6.6	6.6	10.0	10.0	10.0		0.0	10.1	10.1	11.0	11.0	11.0	11.1	11.0	11.0	11.0	11.1	11.8	11.9	11.9
		INERTIA	1299.1	1545.5	1635.9	1756.4	1794.8	1619.0	1846.6	2339.0	2437.8	2488.6	2531.0	5606.9	2619.0	2716.7	2701.4	3335.7	3398.3	3456.5	3553.1	3572.4	3699.4	3564.1	3174.2	3965.9	4088.8	5418.3	5434.9	5518.0	5635.9	5632.1	5672.1	5817.3	6212.6	7179.9	7435.2	7432.5
	MODULUS	ZFL	154.9	157.7	167.9	193.2	197.8	206.1	20102	208.9	223.9	225.9	238.9	244.7	253.8	263.4	268.4	7.692	271.6	585.9	292.7	305.6	313.9	319.5	356.7	356.0	377.1	416.8	423.6	445.5	447.1	451.7	468.7	491.6	537.9	498.5	254.4	529.3
	SECTION	742	144.4	164.1	167.7	170.7	172.1	172.4	176.7	209.1	212.1	214.3	214.8	217.6	217.2	550.6	219.4	256.7	259.1	260.1	263.4	263.2	267.2	2000	231.2	273.7	276.5	338.7	338.6	339.7	343.7	343.2	343.1	346.3	356.0	410.8	417.2	416.7
		HT/FT	56.95	58.85	61.64	67.15	68.44	70.14	72.69	75.85	78.85	19.70	81.80	83.50	84.80	87.35	87.75	90.95	91.80	93.94	95.64	96.90	99.45	99.69	106.45	107.10	110.94	126.24	127.09	130.05	131.34	131.75	133.89	137.70	146.64	148.75	153.00	153.44
		u	875T	7197	1000	875T	1000	87.5T	1251	1878.	875T	1251	875T	125T	8757	1251	8751	8751	1251	8751	1251	8751	1251	16/10	1251	1251	125T	500T	3751	1251	500T	3751	125T	1251	500T	37.51	500T	37.51
		IAL SIZE	.5007 .87	5637 - 7191	563/1.000T	563/ .8751		563/ .8751	625/1.1257	. 6884 .	1578. 1889.	.688/1-125T	.688/ .875T	688/1-1257	.688/ .875T	.688/1.1251	.688/ .8751	.750/ .875T	.750/1.1257	1578. 18751	.750/1.1251	.750/ .875T	.750/1.1257	16/6. /06/-	688/1-125	.750/1.1257	.750/1.125T	.875/1.5001	.875/1.3757	.875/1.1251	.875/1.500T	.875/1.3751	.875/1.125T	.875/1.1251	.875/1.50	30X10X1.000/1.375T	30X10X1.000/1.500T	0x11x1.000/1.37
		NOMINAL	6X10X .	18X10X .	18x 8x .	18x11x .	18X10X .	18x12x .	18x 9x .	21X 9X .	21X10X .		×							1×				24X13X			38		-			27X11X .			27×13× .	K10X1.	X10X1.	30x11x1.000/1

0.5000 - 1/2 in.

.563 IN. PLATE (AREA = 9.49 SQ.IN.)

Name	
1987   2.95   12.1   2.4   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2.7   2	180
131	1817 1 2.99 18.1 2.4 10.0 1.0 6 4.2 8.8 1.10 1.25 1.10 2.0 1.10 1.10 1.10 1.10 1.10 1.10
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	2501         4,60         2,3         7,5         -6         -5         3,3         1,10         3,25         -10         2,00           2511         4,65         15,4         2,7         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0         1,0
13.13	13.13
2501 4.45 164 3.1 10.0 1.0 .6 3.2 1.31 3.25 .186 3.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	2501         4,45         164         3,1         10.0         1,0         4,0         3,2         1,31         3,2         1,31         3,2         1,31         3,2         1,31         3,2         1,31         3,2         1,31         1,0         5,0         1,31         1,10         5,0         1,31         1,10         5,0         1,31         1,10         5,0         1,20         5,0         1,10         5,0         1,20         5,0         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         6,2         1,10         5,0         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20         1,20
3.3.37         4.6.69         22.5         3.7         11.2         7         4.6.2         1.3.6         4.31         1.10         5.0         1.3.6         5.31         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10         5.0         1.10	23.37         4,649         22.5         3.7         15.7         11.2         .7         4,62         5.31         .188         .25         .188         .25         .188         .25         .188         .25         .188         .25         .188         .25         .188         .288         .188         .288         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .188         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289         .189         .289 </td
25.07         \$4.3         22.5         1.4         6         5.0         1.44         5.25         .16         .25         .16         .25         .16         .25         .17         .25         .17         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .18         .25         .25         .18         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25         .25	25.07         4.9         28.0         4.3         22.5         1.4         6         5.0         1.44         5.25         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .18         .2         .2         .18         .2         .2         .18         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2
3.3.37         5.3.3         29.9         4.9         22.6         1.5         5.0         1.55         5.31         .16         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         1.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0 <t< td=""><td>3.3.31         5.3.0         29.9         24.6         1.5         5.0         1.56         5.31         1.186         2.0           3.3.31         5.30         3.20         6.4         25.2         1.0         5.0         1.05         6.31         .186         2.0           3.3.37         6.0         1.7         6.4         25.2         1.0         5.0         1.06         6.31         .186         2.0           3.3.37         6.0         1.0         4.0         2.0         6.4         2.0         6.4         1.0         6.0         1.0         6.2         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0&lt;</td></t<>	3.3.31         5.3.0         29.9         24.6         1.5         5.0         1.56         5.31         1.186         2.0           3.3.31         5.30         3.20         6.4         25.2         1.0         5.0         1.05         6.31         .186         2.0           3.3.37         6.0         1.7         6.4         25.2         1.0         5.0         1.06         6.31         .186         2.0           3.3.37         6.0         1.0         4.0         2.0         6.4         2.0         6.4         1.0         6.0         1.0         6.2         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0<
3.3.37         5.99         37.6         6.2         36.4         1.0         5.9         1.7         6.31         .188         2.0         2.3         1.9         6.9         1.9         6.9         1.9         6.9         6.31         .188         2.0         3.3         1.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         6.9         <	3.3.37         5.99         37.6         6.2         36.4         1.0         5.9         1.7         6.31         1.88         2.0           3.3.37         6.30         23.6         1.9         1.9         5.0         1.0         6.31         1.88         2.0           3.3.37         7.45         35.7         6.1         25.2         1.2         1.2         6.0         6.31         1.88         6.0           3.3.37         7.45         35.6         6.0         2.2         1.2         1.2         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0
2501         6.39         39.1         7.0         40.3         1.9         1.0         5.0         1.0         6.25         1.0         6.25         1.0         6.21         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	2501         6.39         39.1         7.0         40.3         1.9         1.0         5.0         1.00         6.25         1.00         6.25         1.00         6.25         1.00         6.0         1.00         1.00         1.00         6.25         1.00         6.0         1.00         1.00         1.00         6.0         1.00         6.0         1.00         6.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         6.0         2.0         1.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <t< td=""></t<>
3.3.37         6.80         27.6         6.4         25.2         1.1         4.0         2.10         4.3         1.10         4.0         3.13         7.40         4.1.3         0.1         46.3         2.0         1.1         4.0         2.10         6.31         1.10         9.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	3.3.37         6.80         27.6         6.4         25.2         1.5         9.0         2.00         6.31         .186         4.00         3.31         7.00         4.1.3         9.1         1.6         2.10         6.31         .186         4.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3
3.3.37         7.00         44.3         0.1         166.3         2.0         1.1         5.6         2.06         6.31         1.186         4.0         0.1         3.0         1.1         4.0         2.0         2.0         1.1         4.0         2.0         1.1         4.0         2.0         2.0         1.1         4.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	3.3.37         7.00         44.3         0.4         1.6.3         2.0         1.1         5.0         2.10         6.3         1.10         6.3         1.10         4.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         <
3131         7.45         35.7         8.1         38.9         1.3         1.1         4.0         2.19         5.31         .188         4.0           4.331         8.0         10.0         65.0         2.5         1.3         5.6         5.4         1.0         6.0         2.5         1.0         5.6         1.0         9.1         1.0         9.1         1.0         9.1         9.2         2.6         9.2         6.6         2.6         9.31         1.188         4.0         9.1         9.1         9.1         9.1         9.2         9.2         9.2         9.6         9.6         2.6         9.2         9.6         9.6         9.6         9.6         9.6         9.6         9.7         1.0         9.6         9.2         9.7         1.0         9.6         9.2         9.6         9.8         9.7         1.0         9.6         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8         9.8	3131         7.45         35.7         8.1         38.9         1.3         4.1         4.0         2.19         5.31         .188         4.0           4.331         8.0         10.0         65.0         2.2         1.3         5.6         5.4         1.0         6.0         2.5         1.0         5.6         3.1         1.08         4.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         <
3131         8.09         \$44.0         10.0         \$6.0         \$2.2         \$1.3         \$6.5         \$2.56         \$5.44         \$2.50         \$3.1         \$1.08         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00 </td <td>3131         0.09         \$44.0         10.0         \$6.0         \$2.2         \$1.3         \$6.5         \$2.56         \$6.4         \$2.50         \$3.1         \$1.08         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00</td>	3131         0.09         \$44.0         10.0         \$6.0         \$2.2         \$1.3         \$6.5         \$2.56         \$6.4         \$2.50         \$3.1         \$1.08         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00         \$4.00
4381         8.70         36.6         8.8         42.7         1.9         1.2         4.6         2.65         5.44         250         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3	43 81         8.70         36.6         6.4         6.7         1.5         6.4         2.6         5.4         2.6         5.4         2.6         5.4         2.6         5.4         2.6         5.4         2.6         5.6         5.6         5.4         2.6         3.1         2.5         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0
3137         9.15         44.9         10.7         69.2         2.4         1.6         6.5         2.69         7.31         .250         3.00           33757         9.75         44.9         10.9         61.6         2.2         1.6         6.3         3.00         7.31         .250         3.00           33757         10.00         57.6         12.8         92.6         2.7         1.6         6.3         3.00         7.31         .250         3.00           33757         10.20         57.2         12.8         92.6         2.7         1.6         6.3         3.00         7.31         .250         3.00           33757         10.20         57.2         12.8         2.6         1.6         6.3         3.00         7.31         .250         3.00           33757         10.40         59.7         14.2         2.6         1.6         5.3         1.6         6.3         3.00         7.31         .250         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.0	3137         9.15         49.5         10.7         69.2         2.4         1.4         6.5         2.69         7.31         .259         3.00           34367         9.55         44.9         10.9         61.6         2.2         1.4         5.6         2.01         6.46         .259         3.00           3137         10.00         57.6         12.8         92.6         2.7         1.6         7.3         2.94         6.31         .250         3.00           3137         10.00         57.6         12.8         92.6         2.7         1.6         7.3         2.94         6.30         3.00         7.31         .250         3.00         4.30         6.4         3.00         7.31         .250         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00
4387         9.55         44.9         11.9         61.6         2.2         1.4         5.6         2.91         6.4         2.92         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         3.0         7.3         2.5         3.0         7.4         2.5         3.0         3.0         7.4         2.5         3.0         3.0         7.4         2.5         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	4377         9.55         44.9         10.9         61.6         2.2         1.4         5.6         2.91         6.4         2.96         7.3         2.5         1.5         6.4         2.94         7.3         2.5         1.5         6.4         2.94         6.31         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         2.5         3.0         7.3         3.0         7.3         2.5         3.0         7.3         3.0         7.3         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         <
3137 10.00 57.6 12.8 92.6 2.7 1.6 7.3 2.94 8.31 2.50 3.00 3.31 10.00 57.6 12.8 92.6 2.7 1.6 6.3 3.00 7.31 2.50 3.00 3.31 10.20 52.2 12.9 91.2 2.5 1.6 6.3 3.00 7.31 2.50 3.00 3.31 10.20 52.2 12.9 91.2 2.5 1.6 6.3 3.00 7.31 2.50 3.00 3.31 10.20 52.2 12.9 91.2 2.5 1.6 6.3 3.00 7.31 2.50 3.00 3.31 10.64 59.7 14.2 182.5 2.6 1.7 7.2 3.13 8.30 2.50 3.00 3.31 11.05 66.6 15.2 182.6 2.9 1.6 7.1 3.25 8.31 8.30 2.50 3.00 3.75 11.09 62.7 17.1 12.0 2.9 1.6 7.1 3.25 8.31 8.30 2.50 4.00 3.75 11.09 62.7 17.1 12.0 2.9 1.6 7.2 3.33 8.30 8.30 8.25 8.00 3.00 3.75 11.09 62.7 17.1 12.0 2.9 1.6 7.1 3.5 3.3 8.30 8.30 8.25 8.00 3.00 3.75 11.09 62.7 17.1 12.0 2.9 1.6 7.0 3.50 8.30 8.30 8.25 8.00 3.00 3.75 11.09 62.7 17.1 12.0 2.9 1.0 7.0 3.75 8.44 2.50 8.30 8.30 8.25 8.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	3137 10.00 57.6 12.8 92.6 2.7 1.6 6.4 3.00 7.31 .250 3.00 3137 10.00 57.6 12.8 92.6 2.7 1.6 6.3 3.00 7.31 .250 3.00 3137 10.00 57.6 12.8 92.6 2.7 1.6 6.4 3.00 7.31 .250 3.00 3137 10.00 57.6 12.8 91.2 2.5 1.6 6.4 3.00 7.31 .250 3.00 3137 10.00 53.1 13.2 84.5 2.6 1.6 6.4 3.00 7.31 .250 3.00 3137 10.00 53.1 13.2 84.5 2.6 1.6 6.4 3.00 7.4 .250 3.00 3137 11.05 60.6 15.2 108.0 2.9 1.8 7.1 3.25 8.31 .250 3.00 3137 11.05 60.6 15.2 108.0 2.9 1.8 7.1 3.25 8.31 .250 3.00 3137 11.09 62.7 17.1 120.2 3.0 1.8 7.1 3.59 8.38 .250 4.00 3137 11.09 62.7 17.1 120.2 3.0 1.9 7.0 3.50 8.38 .250 4.00 3137 12.34 56.5 17.2 104.8 2.8 1.9 6.1 3.63 7.38 .250 5.00 4.387 12.75 64.6 19.1 132.7 3.2 2.1 7.0 3.59 6.44 .250 5.00 4.387 12.75 64.6 19.1 132.7 3.2 2.1 7.0 3.00 6.30 .250 5.00 4.387 12.75 64.6 19.1 132.7 3.2 2.1 7.0 3.00 6.30 .313 4.00 4.387 14.89 59.8 22.4 130.2 2.3 6.7 4.13 6.4 .250 5.00 4.387 14.89 59.8 22.4 130.2 2.3 6.7 4.13 6.4 .250 5.00 4.387 14.89 59.8 22.4 130.2 2.3 6.7 4.13 6.4 .250 6.00 4.387 15.74 68.7 24.4 204.4 3.8 2.8 7.7 4.31 9.30 .313 4.00 4.387 15.74 68.7 24.4 204.4 3.8 2.8 7.7 4.31 9.30 .313 4.00 4.387 16.59 61.8 2.0 103.2 3.4 2.6 5.6 4.6 4.6 3 10.30 .313 4.00 4.387 16.59 61.8 2.0 2.0 2.0 2.0 6.0 3.0 2.0 6.0 3.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.0 3.1 3.0 4.0 6.0 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.1 3.0 4.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6.0 3.1 3.1 3.0 6
3137 10.20 57.6 12.9 92.6 2.7 1.6 7.3 2.96 6.31 .250 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.	3137 10.20 57.6 12.9 92.6 2.7 1.6 7.3 2.94 6.31 2.50 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.00 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.30 3.3
3131         10.00         52.2         12.9         95.0         2.6         1.6         6.4         3.09         7.31         250         3.00         3.00         7.31         250         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.0	3131         10.00         52.2         12.9         92.0         2.6         1.6         6.4         3.09         6.51         250         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.
3131         110.50         52.5         12.9         13.5         13.6         53.5         13.2         4.9         1.6         7.2         3.13         6.31         .250         4.9         3.0         7.2         3.13         6.31         .250         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0	3131         10.40         93.41         13.2         01.2         2.6         1.6         6.3         3.00         7.51         2.50         4.00           3757         10.40         93.41         13.2         102.6         2.6         1.6         3.00         7.51         3.25         0.31         2.50         3.00           3757         11.05         60.6         15.2         108.0         2.9         1.0         7.1         3.25         0.31         2.50         3.00           3757         11.05         60.6         15.2         108.0         2.9         1.0         7.1         3.25         0.31         2.50         4.00           3757         11.49         67.0         1.0         7.0         3.6         2.50         5.00           3757         11.49         62.7         17.2         104.0         2.8         1.0         6.1         3.6         2.50         5.00           4367         12.3         4.9         4.0         1.0         5.2         1.0         5.2         0.0         4.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         <
45.57         10.40         53.1         13.2         94.5         2.6         1.6         6.4         3.06         7.44         .250         3.00           37.57         11.05         60.6         14.2         100.5         2.4         1.6         5.3         3.5         6.44         .250         3.00           43.57         11.05         60.6         15.6         112.0         3.0         1.6         5.3         6.3         6.50         3.0           37.57         11.49         67.6         17.2         10.8         2.4         1.6         5.3         3.3         6.44         .250         3.0           37.57         12.5         61.6         17.2         10.8         2.4         1.6         5.3         3.3         6.44         .250         3.0           43.67         12.7         11.9         7.0         3.75         6.44         .250         5.0           43.67         12.7         11.9         7.0         3.75         6.44         .250         5.0           43.67         12.7         11.9         7.0         3.75         6.44         .250         5.0           43.67         12.2         13.7	45 87         10 40         53.1         13.2         94.5         2.6         1.6         6.4         3.06         7.44         250         3.00           37 57         11.04         59.7         14.2         102.5         2.8         1.7         7.2         3.16         6.5         3.1         250         3.00           4387         11.05         61.5         15.6         112.0         2.9         1.8         7.2         3.25         8.31         250         3.00           3757         11.49         67.7         17.1         10.2         3.4         1.6         5.3         3.3         6.3         6.50         3.00           3757         12.3         66.6         17.2         10.8         2.4         1.6         5.3         3.6         6.3         6.5         5.0         5.0           4387         12.3         66.6         19.1         132.6         2.6         1.7         5.3         3.6         6.4         2.5         6.4         4.6         5.0         4.0         4.0         6.0         5.0         4.0         6.0         5.0         4.0         6.0         5.0         6.0         5.0         6.0         5.0
3757         14,2         102,5         2.8         1.7         7.2         3.13         0.36         250         3.0           43137         11.05         60.6         15.2         108.0         2.9         1.8         7.1         3.25         8.31         .250         3.0           3757         11.05         60.6         15.2         108.0         2.4         1.6         5.3         3.36         6.36         250         3.0           3757         11.09         62.7         17.1         120.2         3.0         1.9         7.0         3.50         6.36         250         4.0           3757         11.00         62.7         17.2         104.8         2.8         1.9         7.0         3.5         0.4         250         5.0           4387         12.3         56.2         20.2         137.7         3.2         2.1         7.0         3.7         6.0         4.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	3757         14.2         182.5         2.8         1.7         7.2         3.13         8.36         .250         3.00           3137         11.05         60.6         15.2         108.0         2.9         1.8         7.1         3.25         8.31         .250         4.00           3757         11.05         60.6         15.2         108.0         2.4         1.6         5.3         3.36         6.36         .250         5.00           3757         11.09         62.7         17.1         120.2         3.0         1.9         7.0         3.59         6.36         6.36         6.36         6.36         6.30         6.50         5.00         6.00         6.3         6.50         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0
3337         11.05         60.6         15.2         108.0         2.9         1.0         7.1         3.25         6.31         .250         4.0           4,387         11.25         61.5         15.6         112.0         3.0         1.0         7.2         3.31         8.44         .250         3.00           3757         11.49         67.7         17.2         104.8         2.4         1.9         7.3         8.3         8.25         9.0         6.0         9.3         9.0         9.3         9.0         9.3         9.0         9.3         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.	313T         11.05         60.6         15.2         100.0         2.9         1.0         7.1         3.25         0.31         .250         4.00           4,38T         11.25         61.5         15.6         112.0         3.0         1.0         7.2         3.31         0.44         .250         3.00           3,75T         11.49         62.7         17.1         120.2         3.0         1.9         7.0         3.50         0.44         .250         3.00           4,38T         12.34         56.5         17.2         104.0         2.4         1.9         7.0         3.50         0.44         .250         5.00           4,38T         12.34         56.5         17.2         104.0         2.4         1.9         6.1         3.63         7.30         .250         5.00           4,38T         12.34         56.5         17.2         104.0         2.4         1.9         7.0         3.59         6.4         .250         5.00           4,38T         12.0         19.3         116.2         2.9         2.0         6.0         3.04         7.0         3.59         6.4         6.0         3.09         6.4         6.0         6.0
4387         11.25         61.5         15.6         112.0         3.0         1.0         7.2         3.31         8.44         .250         3.00           3757         11.49         47.8         14.4         76.8         2.4         1.6         5.3         3.35         6.36         .250         5.00           3757         12.90         62.7         17.1         120.2         2.4         1.6         5.3         7.36         6.25         6.00           4387         12.5         49.4         16.3         18.7         2.5         1.7         5.3         3.69         6.44         .250         5.00           4387         12.75         64.6         19.1         132.6         3.2         2.1         7.0         5.00         6.44         .250         5.00           4387         12.75         64.6         19.1         132.6         3.2         2.1         7.0         6.44         .250         5.00           4387         14.0         65.2         19.1         132.6         3.2         2.1         7.4         .250         5.00           4381         14.0         66.2         19.2         14.2         12.2         14.4	4307         11.25         61.5         15.6         112.0         3.0         1.6         7.2         3.31         0.44         .250         3.00           .3757         11.49         47.6         14.4         76.8         2.4         1.6         5.3         3.36         6.36         .250         5.00           .3757         12.49         47.6         17.2         104.6         2.4         1.6         3.50         6.36         .250         5.00           .4367         12.5         49.4         16.3         65.7         2.5         1.7         5.3         3.69         6.44         .250         5.00           .4367         12.75         64.6         19.1         132.6         3.2         2.1         7.0         3.75         6.44         .250         5.00           .4367         12.75         66.6         19.1         137.7         3.2         2.1         7.0         3.75         6.44         .250         5.00           .4367         12.0         137.7         3.2         2.1         6.0         3.94         7.44         .250         5.00           .4367         14.0         50.0         2.2         131.7         3
3757         11.49         47.8         14.4         76.8         2.4         1.6         5.3         3.36         6.36         250         6.90           3757         11.90         62.7         17.2         18.6         2.8         1.9         7.0         3.50         6.36         250         6.00           4375         12.34         56.5         17.2         18.6         2.6         1.7         2.9         6.1         7.0         3.75         6.44         250         5.00           4387         12.7         3.2         2.1         7.0         3.75         6.44         250         5.00           4387         12.7         3.2         2.1         7.0         3.75         8.44         250         5.00           4387         13.40         56.2         19.3         116.2         2.2         2.1         6.0         3.94         7.44         250         5.00           4387         14.0         56.2         19.3         116.2         2.9         2.0         6.0         3.94         7.44         250         5.00           4387         14.0         56.3         18.3         2.2         11.9         6.44         2	3757         11.49         47.8         14.4         76.8         2.4         1.6         5.3         3.36         6.36         250         5.00           .3757         11.90         62.7         17.2         120.2         3.0         1.9         7.0         3.50         6.36         .250         5.00           .4367         12.34         56.5         17.2         2.4         1.9         6.1         3.6         6.4         .250         5.00           .4387         12.75         64.6         19.1         137.7         2.2         2.1         7.0         3.75         6.4         .250         5.00           .4387         12.0         66.6         19.1         137.7         3.2         2.1         7.0         3.75         6.4         .250         5.00           .4387         13.0         116.2         2.9         2.0         2.0         3.0         2.50         5.00           .4387         14.0         56.2         19.3         116.2         2.3         2.7         4.0         3.0         2.5         5.0           .4387         14.0         56.2         157.2         157.4         2.7         4.0         3.0
3757         11.90         62.7         17.1         120.2         3.0         1.9         7.0         3.50         6.36         250         6.0         6.0         3.65         7.36         250         6.0         6.0         6.1         3.65         6.4         250         5.00         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0	3757         11:90         62.7         17:1         120.2         3.0         1.9         7.0         3.50         6.36         250         4.00           4367         12.34         56.5         17:2         104.6         2.8         1.9         6.1         3.63         6.36         250         5.00           4367         12.75         64.6         19:1         137.7         2.5         1.7         5.3         6.25         6.0           4367         12.7         5.3         2.2         1.7         6.0         3.75         6.44         250         5.00           4377         13.0         2.7         4.0         3.0         2.0         6.0         3.0         2.0         6.0           4387         14.0         50.8         16.9         96.4         2.7         14.0         5.0         4.0         5.0         6.0           4387         14.0         50.8         16.9         3.4         2.7         4.0         2.5         5.0         6.0           4387         14.0         50.8         16.9         2.7         4.0         2.0         4.0         6.0         3.0         4.0         6.0         6.0
3757         12.34         56.5         17.2         104.6         2.6         1.9         6.1         3.63         7.36         .250         5.00           .4367         12.75         64.6         19.1         137.7         2.5         1.7         5.3         3.69         6.44         .250         5.00           .4367         13.19         65.2         20.2         137.7         2.9         2.0         6.0         3.96         6.44         .250         5.00           .4367         14.0         50.8         16.9         96.4         2.7         1.9         5.1         4.13         6.44         .250         5.00           .4367         14.0         50.8         16.9         96.4         2.7         1.9         5.1         4.13         6.44         .250         5.00           .4367         14.0         50.8         16.9         96.4         2.7         1.9         5.1         4.1         6.0         5.0         6.0         5.0           .4387         14.0         50.8         15.7         3.3         2.2         5.4         2.2         5.0         6.0         4.2         7.4         2.5         6.0         6.0	3757         12.34         56.5         17.2         104.6         2.6         1.9         6.1         3.63         7.36         .250         5.00           4387         12.55         49.4         16.3         18.7         2.5         1.7         5.3         3.69         6.44         .250         5.00           4387         12.75         64.6         19.1         137.7         2.3         2.1         7.0         3.46         .250         5.00           4387         13.40         56.2         20.2         137.7         2.2         2.1         6.0         3.96         7.44         .250         5.00           4387         14.06         50.8         18.9         96.4         2.7         1.9         5.1         4.13         6.44         .250         5.00           4387         14.06         7.2         15.7         1.2         2.2         5.0         6.0         9.44         .250         5.00           4387         14.05         7.4         2.7         4.31         7.4         .250         5.00           4387         14.05         3.3         2.2         3.4         7.4         .313         4.0
.4367       12.55       49.4       16.3       05.7       2.5       1.7       5.3       3.69       6.44       .250       5.00         .4367       12.75       64.6       19.1       132.6       3.2       2.1       7.0       3.75       0.44       .250       6.00         .4367       13.40       56.2       19.3       137.7       3.2       2.1       6.6       3.36       7.44       .250       5.00         .4367       14.04       50.8       16.9       96.4       2.7       1.9       5.1       4.13       6.44       .250       5.00         .4367       14.05       71.2       21.2       151.7       3.3       2.3       6.7       4.19       6.4       .250       5.00         .4367       14.05       71.2       21.2       151.7       3.3       2.3       7.7       4.31       9.34       .250       5.00         .4367       14.65       73.2       22.4       177.1       2.2       5.6       6.4       7.6       9.34       .250       6.00         .4367       15.7       17.4       21.2       3.1       2.2       5.6       7.4       7.6       9.36       9.34	.4367         12.55         49.4         16.3         05.7         2.5         1.7         5.3         3.69         6.44         .250         5.00           .4367         12.75         64.6         19.1         132.6         3.2         2.1         7.0         3.75         0.44         .250         6.00           .4367         13.40         56.2         19.3         116.2         2.9         2.0         6.0         3.94         7.44         .250         6.00           .4387         14.04         50.8         16.9         96.4         2.7         14.9         5.1         4.19         6.44         .250         5.00           .4387         14.05         71.2         21.2         151.7         3.3         2.3         6.7         4.19         8.44         .250         5.00           .4387         14.05         71.2         21.2         151.7         3.3         2.3         6.7         4.19         8.44         .250         5.00           .4387         14.05         71.2         21.2         152.6         3.4         7.7         4.31         4.00           .4387         15.7         15.2         17.4         17.6         <
.4387       12.75       64.6       19.1       132.6       3.2       2.1       7.0       3.75       8.44       .250       4.00         .4387       13.6       2.9       2.0       6.0       3.96       7.44       .250       5.00         .4387       14.0       56.2       16.9       16.9       2.7       1.9       5.1       4.13       6.44       .250       5.00         .4387       14.0       50.8       16.9       22.5       151.7       3.3       2.3       6.7       4.19       6.44       .250       5.00         .3757       14.0       50.9       22.5       151.7       3.3       2.3       6.7       4.19       6.44       .250       5.00         .3757       14.0       50.0       22.5       151.7       3.1       2.2       5.0       4.0       6.00       4.0       6.0       6.00         .4387       14.0       50.0       22.4       177.1       3.5       2.4       7.6       4.56       9.44       .313       4.00         .4387       15.7       26.0       169.7       3.5       2.6       6.6       9.44       .313       4.00         .4381	.4367         12.75         64.6         19.1         132.6         3.2         2.1         7.0         3.75         8.44         .250         4.00           .3757         13.49         55.2         20.2         2.1         6.0         3.96         7.44         .250         5.00           .4387         13.40         56.2         16.3         16.2         2.9         2.0         6.0         3.94         7.44         .250         5.00           .4387         14.00         50.8         18.9         96.4         2.3         6.7         4.13         6.44         .250         5.00           .4387         14.05         22.5         151.7         3.3         2.3         7.7         4.13         6.44         .250         5.00           .4387         14.09         5.1         4.17         4.3         2.3         7.7         4.3         9.36         313         4.00           .4387         14.09         5.1         177.1         3.5         2.4         7.6         4.56         9.44         .250         6.00           .4387         15.7         17.4         17.6         4.56         9.4         .250         6.00 <t< td=""></t<>
.3757         13.19         65.2         20.2         137.7         3.2         2.1         6.8         3.88         6.38         .250         5.00           .4387         14.04         56.2         19.3         116.2         2.9         2.0         6.0         3.94         7.44         .250         5.00           .4387         14.26         66.9         22.5         151.7         3.3         2.3         6.7         4.31         6.44         .250         5.00           .4751         14.25         66.9         22.6         151.7         3.3         2.3         6.7         4.31         9.44         .250         5.00           .4387         14.65         71.2         22.6         3.4         2.2         5.6         4.36         7.44         .250         5.00           .4387         14.65         71.2         21.7         3.4         2.7         4.36         7.44         .250         5.00           .4387         15.7         26.0         150.0         3.6         4.65         9.44         .313         4.00           .4387         15.7         26.4         26.4         3.6         4.65         9.44         .313 <t< td=""><td>.3757         13.19         65.2         20.2         137.7         3.2         2.1         6.8         3.80         6.36         .250         5.00           .4387         14.0         56.2         19.3         116.2         2.9         2.0         3.96         7.44         .250         5.00           .4387         14.0         56.0         3.96         7.44         .250         5.00           .4387         14.2         56.9         22.5         151.7         2.3         5.1         4.19         6.44         .250         5.00           .4387         14.6         57.2         21.2         130.2         3.1         2.2         5.0         4.30         7.44         .250         5.00           .4387         14.6         57.7         4.31         6.30         7.44         .250         5.00           .4387         15.74         177.1         3.5         2.4         7.6         4.56         9.4         .313         4.00           .4387         15.74         177.1         3.5         2.6         6.6         9.4         .313         4.00           .4387         15.74         16.3         16.4         3.1         4</td></t<>	.3757         13.19         65.2         20.2         137.7         3.2         2.1         6.8         3.80         6.36         .250         5.00           .4387         14.0         56.2         19.3         116.2         2.9         2.0         3.96         7.44         .250         5.00           .4387         14.0         56.0         3.96         7.44         .250         5.00           .4387         14.2         56.9         22.5         151.7         2.3         5.1         4.19         6.44         .250         5.00           .4387         14.6         57.2         21.2         130.2         3.1         2.2         5.0         4.30         7.44         .250         5.00           .4387         14.6         57.7         4.31         6.30         7.44         .250         5.00           .4387         15.74         177.1         3.5         2.4         7.6         4.56         9.4         .313         4.00           .4387         15.74         177.1         3.5         2.6         6.6         9.4         .313         4.00           .4387         15.74         16.3         16.4         3.1         4
.4387         13.40         56.2         19.3         116.2         2.9         2.0         6.0         3.94         7.44         .250         5.00           .4387         14.25         66.9         22.5         151.7         3.3         2.3         6.7         4.31         9.44         .250         5.00           .4387         14.25         66.9         22.5         151.7         3.3         2.3         7.7         4.31         9.44         .250         5.00           .4387         14.65         71.2         22.4         7.6         4.31         9.36         .313         4.00           .4387         15.60         22.4         177.1         3.5         2.4         7.6         4.56         9.44         .313         4.00           .4387         15.74         177.1         3.5         2.4         7.6         4.56         9.44         .313         4.00           .4387         15.74         20.4         20.4         3.6         4.65         10.36         .313         4.00           .4387         15.74         20.4         3.6         2.6         4.65         10.36         .313         4.00           .4581	.4387         13.40         56.2         19.3         116.2         2.9         2.0         6.0         3.94         7.44         .250         5.00           .4387         14.04         50.8         18.9         96.4         2.7         1.9         5.1         4.13         6.44         .250         6.00           .4387         14.65         76.9         22.5         151.7         3.3         2.3         7.7         4.19         9.44         .250         6.00           .4387         14.65         59.8         22.4         130.2         3.4         2.3         7.7         4.31         9.34         .313         4.00           .4387         15.0         22.4         130.2         3.4         2.7         7.6         4.56         9.44         .250         5.00           .4387         15.0         22.4         130.2         3.4         27.6         4.65         9.44         .250         5.00           .4387         15.7         26.0         169.7         3.6         2.6         6.4         4.63         10.38         31.3         4.00           .4381         15.7         26.0         169.7         3.6         2.6 <td< td=""></td<>
.4387       14.04       50.8       18.9       96.4       2.7       1.9       5.1       4.13       6.44       .250       6.00         .4387       14.65       71.2       21.2       151.7       3.3       2.3       7.7       4.19       8.44       .250       5.00         .4387       14.65       59.8       22.4       130.2       3.4       2.2       5.6       4.30       7.44       .250       5.00         .4387       15.9       73.2       23.4       130.2       3.4       2.6       6.4       4.56       9.44       .250       6.00         .4387       15.74       79.7       24.4       204.4       3.6       2.6       6.4       4.63       10.36       31.3       4.00         .4387       15.74       78.7       24.4       204.4       3.6       2.6       6.4       4.63       10.36       31.3       4.00         .4387       15.74       68.7       26.0       169.7       3.6       2.6       6.6       9.36       31.3       4.00         .4387       16.39       27.6       10.37       2.7       2.6       7.6       4.61       9.50       0.31       4.00	4387         14.04         50.8         18.9         96.4         2.7         1.9         5.1         4.13         6.44         .250         6.00           .4387         14.25         66.9         22.5         151.7         3.3         2.3         6.7         4.19         6.44         .250         5.00           .4387         14.65         71.2         21.2         150.6         3.4         2.3         7.7         4.31         9.34         .213         4.00           .4387         14.69         73.2         22.4         130.2         3.1         2.2         5.6         6.4         7.6         9.44         .250         6.00           .4387         15.74         79.7         24.4         204.4         3.6         2.6         9.4         4.65         9.44         .250         6.00           .4387         15.74         68.7         26.0         169.7         3.5         2.6         6.4         4.63         10.34         .313         4.00           .4387         15.95         77.9         2.6         6.6         4.63         10.34         .313         4.00           .4387         16.59         76.6         9.4 <td< td=""></td<>
-4367         14.25         66.9         22.5         151.7         3.3         2.3         6.7         4.19         8.44         .250         5.00           .3757         14.65         71.2         21.2         162.6         3.4         2.3         7.7         4.31         9.38         .313         4.00           .4387         14.69         73.2         22.4         130.2         3.1         2.2         5.0         4.05         7.44         .250         6.00           .4387         15.7         7.2         23.4         21.4         3.5         2.6         6.4         4.63         10.34         .313         4.00           .3757         15.7         24.4         21.4         3.5         2.6         6.4         4.63         10.34         .313         4.00           .3757         15.7         26.0         169.7         3.5         2.6         6.6         4.63         10.36         .313         4.00           .3757         15.7         6.6         163.7         2.5         191.2         3.7         2.6         7.5         4.69         9.38         .313         4.00           .3757         17.0         6.5         19.	.4367         14.25         66.9         22.5         151.7         3.3         2.3         6.7         4.19         0.44         .250         5.00           .3757         14.65         71.2         21.2         162.6         3.4         2.3         7.7         4.31         9.36         .31.3         4.00           .4387         14.69         73.2         22.4         177.1         3.5         2.4         7.6         4.56         9.44         .31.3         4.00           .3757         15.74         79.7         24.4         214.4         3.5         2.4         7.6         4.56         9.44         .31.3         4.00           .3757         15.74         66.7         26.0         169.7         3.5         2.6         6.4         4.63         10.36         .31.3         4.00           .4367         15.74         66.7         26.0         169.7         3.6         6.6         6.6         6.0         6.0           .3757         15.95         74.9         25.5         191.2         3.7         2.6         7.5         4.69         9.36         .31.3         4.00           .4387         16.95         16.1         27.5
.3757       14.65       71.2       21.2       162.6       3.4       2.3       7.7       4.31       9.36       .313       4.90         .4387       14.89       59.8       22.4       130.2       3.1       2.2       5.8       4.36       7.44       .250       6.00         .4387       15.74       79.7       24.4       204.4       3.6       2.6       6.4       4.65       9.44       .313       4.00         .4587       15.74       79.7       24.4       204.4       3.6       2.6       6.4       4.65       9.44       .313       4.00         .4587       15.74       79.7       26.4       204.4       3.6       2.6       6.4       4.63       10.36       .313       4.00         .4587       15.74       66.7       26.0       169.7       3.5       2.5       6.5       4.69       9.36       .313       4.00         .501       16.59       61.8       26.5       19.3       2.7       4.61       9.50       .313       4.00         .4387       17.20       76.6       27.6       2.9       2.7       7.4       5.06       9.56       313       4.00         .563	.3757         14.65         71.2         21.2         162.6         3.4         2.3         7.7         4.31         9.36         .313         4.00           .4387         16.69         59.8         22.4         130.2         3.1         2.2         7.4         .250         6.00           .4387         15.76         79.7         26.4         177.1         3.5         2.4         7.6         4.56         9.44         .250         6.00           .4387         15.74         68.7         26.4         169.7         3.6         2.5         6.5         4.63         10.36         .313         4.00           .4387         15.74         68.7         26.0         169.7         3.5         2.5         6.5         4.63         10.36         .313         4.00           .3757         15.95         76.9         26.5         191.2         3.7         2.6         7.5         4.61         9.36         .313         4.00           .4387         16.59         61.8         26.7         191.2         3.7         2.6         7.5         4.61         9.50         3.13         4.00           .4387         16.59         61.6         26.7
.4387         14.89         59.8         22.4         130.2         3.1         2.2         5.8         4.36         7.44         .250         6.00           .4387         15.74         7.2         23.4         177.1         3.5         2.4         7.6         4.56         9.44         .313         4.00           .4387         15.74         26.4         204.4         3.6         2.6         6.4         6.5         10.38         .313         4.00           .4587         15.74         66.7         26.0         169.7         3.5         2.5         6.5         6.5         9.44         .250         6.00           .3757         15.74         66.7         26.0         169.7         3.5         2.5         6.5         6.69         9.36         .313         4.00           .3757         16.59         81.8         26.7         221.7         3.9         2.7         6.3         4.80         10.44         .313         4.00           .4387         17.20         76.6         27.6         27.6         7.4         5.00         10.38         .313         4.00           .5537         17.4         83.7         29.1         2.9         <	438T         14.89         59.8         22.4         130.2         3.1         2.2         5.6         4.36         7.44         .250         6.00           .438T         15.50         73.2         23.4         177.1         3.5         2.4         7.6         4.56         9.44         .313         4.00           .438T         15.74         60.7         26.0         169.7         3.6         2.6         6.4         6.5         10.36         .313         4.00           .375T         15.95         73.8         24.6         169.7         3.6         2.5         7.5         4.63         0.44         .250         6.00           .375T         15.95         74.9         25.5         191.2         3.7         2.6         7.5         4.61         9.50         .313         4.00           .438T         16.59         81.8         26.7         221.7         3.9         2.7         6.61         9.50         .313         4.00           .438T         17.20         82.5         14.0         2.9         8.2         5.00         10.38         .313         4.00           .553T         17.44         83.7         29.1         238.9
.4387 15.50 73.2 23.4 177.1 3.5 2.4 7.6 4.56 9.44 .313 4.00 .3757 15.74 79.7 24.4 204.4 3.6 2.6 6.4 4.63 10.38 .313 4.00 .4387 15.74 68.7 26.0 169.7 3.5 2.5 6.5 4.63 10.38 .313 4.00 .3757 15.35 74.9 25.5 191.2 3.6 2.5 7.5 4.69 9.38 .313 5.00 .4387 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.81 9.50 .313 4.00 .3757 17.00 82.5 28.1 229.1 4.0 2.8 6.2 5.00 10.38 .313 5.00 .5537 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5637 17.44 83.7 29.1 228.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.4367 15.50 73.2 23.4 177.1 3.5 2.4 7.6 4.56 9.44 .313 4.00 .3757 15.74 79.7 24.4 204.4 3.6 2.6 6.4 4.63 10.36 .313 4.00 .4367 15.74 66.7 26.0 169.7 3.5 2.5 6.5 4.63 10.36 .313 4.00 .3757 15.95 73.8 24.6 183.2 3.6 2.5 7.5 4.69 9.38 .313 5.00 .5017 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.61 9.50 .313 4.00 .3757 17.00 82.5 28.1 229.1 4.0 2.7 6.3 4.08 10.44 .313 4.00 .5637 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5637 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.3757 15.74 79.7 24.4 204.4 3.6 2.6 6.4 4.63 10.36 .313 4.00 .4381 15.74 68.7 26.0 169.7 3.5 2.5 6.5 4.63 10.36 .313 4.00 .3757 15.74 68.7 26.0 169.7 3.5 2.5 6.5 4.63 6.46 .250 6.00 .3757 15.35 74.9 25.5 191.2 3.7 2.6 7.5 4.69 9.36 .313 4.00 .4381 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.81 9.50 .313 4.00 .3757 17.00 82.5 28.1 229.1 4.0 2.8 6.2 5.00 10.36 .313 5.00 .5631 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5631 17.44 83.7 29.1 228.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.3757 15.74 79.7 24.4 204.4 3.6 2.6 6.4 4.63 10.36 .313 4.00 .4381 15.74 66.7 26.0 169.7 3.5 2.5 6.5 4.63 6.44 .250 6.08 .3751 15.95 73.8 24.6 183.2 3.6 2.5 7.5 4.69 9.38 .313 5.00 .501 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.81 9.50 .313 4.00 .4381 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.81 9.50 .313 4.00 .3751 17.20 82.5 28.1 229.1 4.0 2.7 7.4 5.06 9.56 .313 4.00 .5631 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .501 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.4301 15.74 68.7 26.0 169.7 3.5 2.5 6.5 4.63 8.44 .250 6.00 .3751 15.95 73.8 24.6 183.2 3.6 2.5 7.5 4.69 9.38 .313 5.00 .5011 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.69 9.38 .313 5.00 .331 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.81 9.50 10.44 .313 4.00 .3751 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5631 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5011 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.4301 15.74 68.7 26.0 169.7 3.5 2.5 6.5 4.63 8.44 .250 6.00 .3751 15.95 73.8 24.6 183.2 3.6 2.5 7.5 4.69 9.38 .313 5.00 .501 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.81 9.50 .313 4.00 .451 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.88 10.44 .313 4.00 .357 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5631 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .501 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.3757 15.95 73.8 24.6 163.2 3.6 2.5 7.5 4.69 9.36 .313 5.00 .5017 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.61 9.50 .313 4.00 .4381 16.59 61.8 26.7 221.7 3.9 2.7 6.3 4.66 10.44 .313 4.00 .3757 17.00 62.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5637 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5631 17.44 63.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.375f 15.95 73.8 24.6 163.2 3.6 2.5 7.5 4.69 9.36 .313 5.00 .5017 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.81 9.50 .313 4.00 .438 16.59 81.8 25.7 221.7 3.9 2.7 8.3 4.88 10.44 .313 4.00 .3451 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5531 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5017 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.500T 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.81 9.50 .313 4.00 .438T 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.08 10.44 .313 4.00 .375T 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .563T 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .500T 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.500T 16.35 74.9 25.5 191.2 3.7 2.6 7.5 4.61 9.50 .313 4.00 .438T 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.88 10.44 .313 4.00 .355T 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .553T 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .563T 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.4367 16.59 61.8 26.7 221.7 3.9 2.7 6.3 4.86 10.44 .313 4.00 .3757 17.00 62.5 28.1 229.1 4.0 2.8 6.2 5.00 10.36 .313 5.00 .5637 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5007 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.4387 16.59 81.8 26.7 221.7 3.9 2.7 8.3 4.88 10.44 .313 4.00 .3757 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5637 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5007 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.3757 17.00 62.5 26.1 229.1 4.0 2.8 6.2 5.00 10.36 .313 5.00 .5537 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5007 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.3757 17.00 82.5 28.1 229.1 4.0 2.8 8.2 5.00 10.38 .313 5.00 .5637 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .5007 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.563T 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .500T 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.563T 17.20 76.6 27.6 205.5 3.8 2.7 7.4 5.06 9.56 .313 4.00 .500T 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.500T 17.44 63.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00	.500T 17.44 83.7 29.1 238.9 4.0 2.9 8.2 5.13 10.50 .313 4.00
.4381 18.05 84.6 31.0 249.4 4.1 2.9 8.1 5.31 10.44 .313 5.00	.438T 18.05 84.6 31.0 249.4 4.1 2.9 8.1 5.31 10.44 .313 5.00

SHEAR	ARFA	2		2013	3.46	2.52	3.44	3.15	3.48	2.54	3.46	3.15	68.4	2.86	9000	0	3.40	4.91	69.4	4.93	3.07	3.48	96.4	4.91	3.17	4.89	4.93	3.46	4.91	96.4	69.4	3.61	4.93	4.91	2.64	96.4	25.00	10.0	40.4	200	6.61	6-67	6.22	6.64	6.69	4.96	4.82	
NGE	THICK	275		000	.500	-500	.438	.500	.563	.563	.500	200	644	2 7 2		. 200	006.	.531	694.	*65.	.625	.563	.656	.531	.563	694.	.594	.563	.531	969.	694.	.688	.594	.531	.750	.656		156.	***	169	. 5.31	.656	.875	165	.719	.656	1.000	
FLA	MIDIN			00.0	2.00	2.00	6.00	6.00	5.00	7.00	6-00	2.00	4.00	2			00-7	4.00	2.00	00-7	7.00	7.00	** 00	5.00	00-0	6.00	2.00	00-9	6.00	2.00	7.00	2.00	9-90	2.0	200	9-90						2.00	7.00	6-00	2.00	9.00	9.00	
WEB	THICK			0100	. 313	.313	.313	.313	.313	.313	.313	313	375		215		. 313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375	.438	.375	.375	.438	.375				275		638	.500	438	430	.375	. 563	
The state of the s	DEPTH	40 66	00.00	****	10.50	7.50	10.44	9.50	10.56	7.56		9.50	12.47		10.00	00.01	10.50	12.53	12.47	12.59	7.63	10.56	12.66	12.53	9.56	15.47	12.59	10.56	12.53	12.66	12.47	1.69	12.59	12.53	1.75	12.66	16.59	14.75	12.66	12.60	14.53	16.66	7.88	14.59	14.72	12.66	9.00	
	APFA		0000	***	5.63	69.5	5.75	5.81	5.94	6.13	6.13	6.31	A. 48	144		0.00	6.63	6.63	6.84	6.68	0	7.06	7.13		-	7.31	7.47	7.63	7.69	7.78	7.78	7.88	9.00	8.22	8.31	***	000		000	90.0	0.31	9.61	9.63	9.69	9.72	9.75	9.6	
	AE				6.7	5.5	7.8	7.0	7.8	5.4	7.7					0 1	1.5	9.4	9.5	9.3	5.3	7.3	9.2	9.1	6.9	9.0	9.0	7.1	8.8	6.9	8.7	2.5	8.7	9.0	5.1	9.0	*	2.01				10.0	2.0	9.6			5.1	
	YP			6.5	3.1	5.6	3.2	3.0	3.3	2.7	3.4	2.5	2				2.0	3.7	3.8	3.8	2.9	3.8	4.0	4.0	3.6	4.1	1:1	4.0	6.3	4.3	4.3	3.1	3	4.5	3.2	9.		•			2	2.5	3.4	5.3	2.5	2.5	3.5	
	0				7.4	3.2	4.3	4.0	4.3	3.3	4.4	6.1	4.7		2 4			4.9	6.4	2.0	3.4	4.6	5.0	5.0	4.3	5.1	5.1	4.7	5.5	2.5	2.5	3.4	5.3	5.3	3.5						2.0	6.0	3.5	6.0	6.1	5.6	3.5	
	TNFRTTA	255 6	2000	0.222	569.4	160.1	275.3	240.5	288.9	173.0	298.1	262.6	356.8	224 5	210 0	221.0	364.9	379.3	396.1	401.5	187.9	348.6	422.7	452.5	305.2	432.8	447.6	376.4	462.6	472.9	467.6	202.4	491.0	500.8	214.1	519.2	551.0	2.909	662	260.0	650.8	672.8	238.7	696-1	703.5	603.2	241.6	
MODULUS	761			1.10	6	29.1	35.2	34.2	36.8	32.0	38.7	38.5	37.6	47.4	1.5	2.24	43.5	40.3	6.24	43.1	35.5	47.5	45.7	46.4	47.1	48.2	1.64	53.0	52.4	53.1	53.5	39.0	26.4	28.4	41.8	909	1000	5.65	1.00	200	66.2	67.0	47.8	70.8	70.8	75.1	47.3	
SECTION	791		44.0	0	•	65.5	8.98	5.61	88.2		68.7	81.0	1001	7.2.4	2 0	2000	3	102.8	104.0	104.6	6.49	92.0	106.3	106.1	83.8	106.6	107.9	93.5	108.7	109.6	108.9	66.1	110.5	110.9	67.1	112.2	116.1	152.	111		128.9	129.9	69.2	131.0	131.7	116.2	70.0	
	-		20.01	n .	-	m	10	19.75	20.20	20.84	20.84	21.45	21.69	200	22 40	4 1	*6.22	2	N	m	23.80	24.00	42.42	24.34	24.85	24.85	25.40	25.94	-	54.92	54.92	56.79	27.40					20.63		. 3	- 1	31.99	32.74	32.95	33.05	33.15	33.80	
	75		1000		. 500T	. 500T	-438T	. 500T	. 563T	.563T	20	20		2	5621		1006.	.5311	1694.	. 594T	.625T	.563T	.656T	.531T	.563T	1694.	1965.	. 563T	.531T	.656T	1694.	-688T	1965.	-5311	1057	1959	. 254	.531		1700	E 2 4 T	. 656T	.8757	1,69.	1617	.656T		
	NAI ST		2010	1010	.313/	. 313/	.313/	.313/	.313/	.313/	.313/	313/	1375	14 3/	12.2	10100	.313/	.375/	.375/	.375/	1918.	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.375/	.438/	.375/	.375/	. 438/	.375/	16/50	1000	275	275/	7827	438/	1005	438/	1438/	.375/	.563/1	
	NOMINAL	**																								12x 6x								12x 7x								6X 5X				12X 8X	7X 6X	

9/16

334 / FT
334 / S20
337 / S20
347 / S20

9.49 SQ.IN.)

.563 IN. PLATE (AREA=

1NAL SIZE

438/ 6561

438/ 6561

438/ 6561

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5001/ 7191

.563 IN. PLATE (AREA= 9.49 SQ.IN.)

								******	*** BEAN	M DIMENSIONS		*******	
		SECT ION	HODOLUS							ME8	5	ANGE	SHEAR
NOWINAL SIZE	2	ZPL	ZFL	INERTIA	œ	2	YF	AREA	DEPTH	THICK	MIOTH	THICK	AREA
16X10X .5007 .875T	•	172.4	159.5	1444.8	1.4	4.0	9.1	16.75	16.88	.500	10-00	.875	8.72
18X10X .563/ .719T		194.1	162.5	1705.7	9.0	8.8	10.5	17.31	18.72	.563	10.00	.719	10.86
18X 8X .563/1.000T	61.64	198.2	173.2	1808.3	8.1	9.1	10.4	18.13	19.00	.563	8.00	1.000	11.01
•	:	201.8	199.2	1949.1	8.2	4.6	9.8	19.75	18.88	.563	11-00	.875	10.95
•		203.5	204.1	1993.1	8.2	9.8	9.8	20.13	19.00	.563	10.00	1.000	11.01
18X12X .563/ .875T	:	203.8	212.5	2022.4	8.2	6.6	9.5	20.63	16.88	.563	12.00	.875	10.95
×6	2	207.8	207.8	2046.3	8.1	9.8	9.8	21.38	19.13	.625	9.00	1.125	12.31
.688/	5	243.4	216.0	2568.4	9.0	10.6	11.9	22.31	21.88	.688	9.00	.875	15.44
21X10X .688/ .875T		246.8	231.5	2680.7	9.1	10.9	11.6	23.19	21.88	.688	10-00	.875	15.44
.688/	6	248.2	233.7	2736.7	9.1	11.0	11.7	23.44	22.13	.688	8.00	1.125	15.61
21X11X .688/ .875T	:	6.642	246.9	2786.9	9.1	11.2	11.3	54.06	21.88	.688	11-00	.875	15.44
.688/	3	253.1	253.1	2871.5	9.5	11.3	11.3	24.56	22.13	.688	9.00	1.125	15.61
21X12X .688/ .875T	;	252.6	262.2	2887.5	8.5	11.4	11.0	54.94	21.88	.688	12-00	.075	15.44
.688/1	1.	256.4	272.4	2.1662	3.6	11.7	11.0	55.69	22.13	.688	10.00	1.125	15.61
.688/	:	255.1	277.3	2981.8	9.5	11.7	10.8	25.81	21.88	.688	13.00	.875	15.44
		295.5	278.7	3648.8	10.0	12.3	13.1	26.75	24.88	.750	10-00	.875	19.08
	91.80	298.2	281.1	3717.4	10.1	12.5	13.2	27.00	25.13	.750	8-00	1-125	19.27
24X11X . 7507 . 875T	3.	299.3	295.7	3784.5	10.1	15.6	12.8	27.63	24.88	.750	11.00	.875	19.00
	3	303.0	302.9	3891.4	10.2	12.8	12.8	28.13	25.13	.750	9.00	1.125	19.27
	•	302.8	312.9	3915.2	10.2	12.9	15.5	28.50	24.88	.750	12.00	.075	19.08
	6	307.3	324.7	4056.4	10.2	13.2	15.5	29.52	25.13	.750	10-00	1-125	19.27
		306.0	330.3	4041.4	110.2	13.2	15.2	29.38	24.88	.750	13.00	.875	19.08
	2	266.6	349.6	3432.7	9.3	12.9	9.6	30.19	22.13	.688	14.00	1.125	15.61
	•	568.6	368.7	3526.3	9.3	13.1	9.6	31.31	22.13	.688	15.00	1.125	15.61
	:	314.6	366.1	4358.3	10.3	13.9	11.8	31.50	25.13	.750	12-00	1.125	•
33	110.94	317.8	389.9	2.3644	10.3	14.2	11.5	32.63	25.13	.750	13, 00	1-125	19.27
	•	383.6	431.3	5900-3	11.2	15.4	13.7	37.13	28.50	.875	9.00	1.500	25.43
	:	383.6	438.3	5920.1	11.2	15.4	13.5	37.38	28.38	.875	10-00	1.375	25.32
	130.05	384.8	460.6	6015.5	11.2	15.6	13.1	38.25	28.13	.875	13-00	1-125	25.11
	:	389.2	462.6	6143.0	11.3	15.8	13.3	9	28.50	.875	10-00	1.500	25.43
	:	388.6	467.2	6140.3	11.3	15.8	13.1	38.75	28.38	.875	11.00	1.375	25.32
	3	388.6	484.6	6187.9	11.3	15.9	12.8	39.38	28.13	.875	14.00	1.125	25.11
27X15X .875/1.125T	:	392.2	508.1	6350.4	11.3	16.2	12.5	40.50	28.13	.875	15-00	1.125	25.11
27X13X .875/1.500T	146.64	4.02.8	556.2	6789.6	11.4	16.9	12.2	43.13	28.50	.875	13.00	1.500	25.43
30X10X1.000/1.375T		4.664	515.4	1759.0	15.1	16.9	15.1	43.75	31.38	1.000	10-00	1.375	31.94
30X10X1.000/1.500T	153.00	466.3	542.1	8037.9	12.1	17.2	14.8	45.00	31.50	1.000	10.00	1.500	32.06
30X11X1.000/1.375T	3.	465.8	547.1	8036.4	15.1	17.3	14.7	45.13	31.38	1.000	11-00	1.375	31.94
30X10X1.000/1.750T	:	479.1	294.5	8572.8	12.3	17.9	14:4	47.50	31.75	1.000	10.00	1.750	32.31
				3635		,, ,							
				0.3023	1/6 -	3/10 IU.							

		.188 .60											-		1.			.375 2.00	<b>*</b>	-	2	2		375 1.75	2	.375 2.00	:			20.2 C. 12.77			**38 2.02			438 2.27	mı		176 1.44	.563 3.19	, w	
-		2.00											****	. 00 -4	•		00		3.00	4-00	3-00	3.00		5.00		5.00	9	4.00	2.00	2000	5.00	00	6.00	** 00 **	4.00	6.00	2.00		200			
THICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	062.	250	.250	.250	.250	.250	052.	0620	250	.313	.250	.313	.313	.250				.313		
DEPTH	3.19	4.19	3.25	3.31	3.25	4.31	5.25		6.31		4.31	6.31		6.31	5.44	7.31	9.44		8.31	7.31	***	8.38	10.0	6.38	8.38	7.38	6.44	9.44	8.38		8.44	9.38	7.44	9.44	10.38	9.44	9.38	3.50		9.56		
AREA	.75	.88	1.06	1.19	1.31	1.38	1.44	1.56	1.75	1.88	2.00	2.06	2.19	2.38	.5	5.69	2.81	2.88	2.94	3.00	3.06	3.13	3.29	3.38	3.50	3.63	3.69	3.75	3.80		61.4	4.31	4.38	4.56	4.63	4.63	69.4			5.16	5.13	
4	3.3	4.3	3.3	3.4	3.3	4.3	5.5	5.5	6.0	5.9	4.1	6.5	6.4	5.8	2.0	6.7	2.8	6.7	7.5	6.5	9.9	2.5	2.5	2.6	7.3	6.3		7.2	1:		7.0	8.0	6.1	6:2	8.7	6.9		:		7.8	9.0	
4		.5	.5	9.	9.			•	6.	6.		1.0	1.0	1.2	1:1	1.3	1.2	1.3	::	1:4	1.4	1.5		1.5	1.7	1.7	1.8	1.6	1.9	1.0	2.0	2.0	2.0	2.2	2.3	2.2	2.2	2.5		2.6	2.6	
~	~	6.	•	6.	6.	1:1	1.3	1.4	1.7	1.6	1.4	1.9	1.7	2.0	1.8	2.2	2.1	2.4	5.6	5.6	5.4	2.7	2.0	2.3	2.9	2.7	5.4	3.0	3.1	2.5	3.2	3.3	5.9	3.4	3.6	3.3	*			3.6	3.9	
INERTIA	0.9	10.4	7.9	9.6	10.5	16.4	4.22	25.6	37.8	41.9	56.5	48.3	1.04	•	6.44	72.4		80.7	6.96	2.58	88.7	107.4	113.3	6101	126.4	110.6	90.7	139.8	145.3	102.6	160.6		138.5		216.0	160.4	194.1	226.7	242.8	218.3	253.5	-
ZFL	1.8	2.4	5.4	2.8	3.2	3.8	6.3	2.0	6.3	7.1	6.5	8.2	8.2			10.9	11.1	12.1	12.9	13.0	13.4	14.4	12.	14.6	17.3	17.5	16.5	19.3	4.02	19.0	22.8	21.6	22.7	23.7	24.8	26.3	25.0	27.3		28.1	6	
2PL	12.8	19.4	15.0	16.7	17.9	24.8	31.1	33.4	45.5	44.4	31.3	47.3	6.04	6.05	42.1	57.3	25.0	20.8	67.1	6.09	0.29	69.8	73.1	56.0	73.7	4.99	28.0	76.2	6.97	60.00	79.2	84.0	70.8	96.4	2.46	91.6	2.78	0.00	07.7	2.86	99.2	
-	2.55		3.60	4.05	4.45	4.69		5.30					7.45	8.09	8.70	9.15			10.00					11.69						16.04										17.20		•
~	•	•	•	•	- 10		•					•	.3131	.3131	.438T	.3131	.4381	.3751	. 3131	.3131	.4381	.3751	1919	37.51	.3751	.37 ST	.438T	.438T	.3751	-4381	. 43 BT	.375T	.438T	.438T	.375T	-4381	.3751	10000	172	.563T	.500T	
	.125/	.125/	.188/	.188/	.188/	.188/	.188/	.188/	-188/	.188/	.188/	.188/	.188/	.188/	-250/	1520	1052.	.250/	1922	-250/	1820	.250/	7050	.250/	.250/	1052.	-250/	-250/	1052.	7807	.250/	.313/	.250/	.313/	.313/	-250/	.313/	213	1212	313/	.313/	-
200	×	2X	×	2X	×	2×	×2	2×	×	3	¥	×	*	×	×	×	×	×	×	*	× 1	× :		6x 5x .25	×	2X	2×	×	2	× ×	2X	×	×					**		×		

	HEAR	AREA	3.50	3.15	3.48	2.54	3.46	3.17	3.50	2.56	3.48	3.17	16.4	2.87	3.50	3.48	4.93	4.91	96.4	3.10	3.50	4.98	4.93	3.19	16.4	96.4	3.50	4.93		16.5	96 9	4.93	3.67	96.4	96 . 4	49.9	00.0		4.90	99.9	69.9	4.25	99.9	6.72	*.98	
*******	S	THICK		438	.500	.500	.438	.500	.563	.563	.500	.500	694.	.563	.563	.500	.531	694.	.594	.625	.563	•656	.531	.563	694.	*65*	.563	.531	000.		200	.531	.750	959.	*65*	.531	• 55.	969.	*66.	.531	• 656	.875	*65*	.719	959.	
	FLA	HIDIM	4.00	6.00	5.00	7.00	9-00	6.00	2.00	7.00	6.00	7-00	4- 60	7.00	9.00	7-00	4.00	2.00	4.00	7-00	7.80	4.00	2.00	0.00	6.00	2.00	8.00	9.00	2000	2.00	9	7.00	7.00	6.00	7.00	2.6	000	200	9.00	6.00	2.00	2.00	6-00		8-00	
DIMENSIONS		THICK	.313	.313	31	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	. 313	.375	.375	.313	.375	.375	. 313	.375	. 37.5	6.28	375	.375	.438	.375	.375	.438	0 1	.375	.375	. 438	.438	.500	.438	.438	.375	
*** BEA4		DEPTH			10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	12.47	9.56	10.56	10.50	12.53	15.47	15.59	7.63	10.56	15.66	12.53	9.56	12.47	12.59	10.56	12.53	12.00	7.69	12.59	12.53	7.75	12.66	15.59	14.53		12.66	12.59	14.53	14.66	7.88	14.59	14.72		
*******		AREA	5.38	5.44	5.63	69.5	5.75	5.81	2.94	6.13	6.13	6.31	6.38	9.44	6.50	6.63	6.63	9.94	6.68	2.00	4.06	7.13	7.16	7.31	7.31	7.47	1.03	7.69	01.		8.06	8.22	8.31	9.44	9.66	~		60.6	67.6	9.31	9.41	9.63	69.6	9.72	9.75	
		¥	9.5	7.5	8.3	5.8	8.2	4:2	8.2	5.7	9.1	7.2	6.6	9.4	9.0	7.9	9.6	9.7	9.	2.6	2.8	2.4	9.6	6.9	9.4	9.5		6.0	* *	7.5	6.0	9.1	5.5	9.1	6.9	10.8				10.5	10.6	5.3	10.4	10.5	9.8	
		4	2.7	5.6	2.8	2.3	2.8	2.7	5.9	2.5	3.0	5.9	3.2	2.8	3.2	3.2	3.3	3.4	3.5	5.6	3.4	3.6	3.6	3.3	3.7	3.7	3.6	3.8			4.0	4:1	5.9	4.2	4.3	3.			4.5	4.7	4:1	3.2	4.0	4.9	4.7	
		œ	4.0	3.7	4.1	3.1	4.1	3.8	4.2	3.2	4.2	4.0	4.6	3.6	4.3	4.4	4.7	4.8		3.3	4.5	6.4	6:	4.2	6.4	2.0		5.1		1.5	2.5	5.5	3.4	5.3	5.3	2.6		* .	2.4	2.8	5.9		6.6	6.6	5.5	
		INERTIA	271.6	236.6	286.9	171.9	293.5	257.1	308.4	186.3	318.8	281.8	379.8	241.6	342.9	348.6	404.4	455.9	428.7	203.1	375.1	452.0	452.0	329.6	463.4	479.7	4000	496.5	2000	210.6	528-1	6	232.9	5.655	573.9	652.5	60100	2000	616.9	7.607	724.0	560.9	750.1	758.1	654.7	
	MODULUS	ZFL	31.9	31.5	34.4	29.6	35.7	34.7	37.4	32.5	39.3	39.1	38.3	37.7	45.9	2.44	41.1	43.7	43.9	36.1	48.3	46.6	47.3	47.8	49.1	50.6	93.9	53.3	24.1	30.8	57.4	59.4	45.6	61.5	2.49		2000	9.69	11.0	67.6	68.5	48.9	72.3	72.3	16.5	
	SECT ION	7PL	101.4	95.4	102.7	74.3	103.2		104.9	75.8		9.96	119.3	87.2	107.6	107.8	121.8	123.4	124.1	77.3	109.8	126.2	125.9	100.2	126.6	158.1	111.6	129.2	130.0	78.7	131.4	131.9	80.0	133.5	134.1	148.7	151.5	136.3	136.4	152.5	153.7	82.4	155.1	155.9	138.5	
		HIVET	18.29	18.50	19.14	19.35	19.55	19.75	20.20	20.84	20.84	21.45	21.69	21.90	22.10	55.22	22.54	23.26	23.39	23.80	24.00	42.42	24.34	24.85	24.95	25.40	16.62	26.15	26.45	26.79	27.40	27.95	28.25	28.70	59.44	29.85	20.91	30.91	31.45	31.65	31.99	32.74	35.95	33.05	33.15	TO SERVICE THE PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN
		N		•	•	.500T	•	•	•	.563T	.500T	. 500T	1694·	. 563T	.563T	•	•	•	•	•	•	•	•	•	•	•	1596.	.5311	1000	•	• •	•	•	•	1465.	. 531T	1460.	1000	1466.	-5311	.6561	1878.	1965 ·	.719T	.656T	
		S	3	313/	313/	313/				. 313/	.313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/		438	375/	.375/	.438/	.375/	.375/	.438/	1000	1515	16/5	438	.438/	1005.	.438/	.438/	.375/	
		z		¥9																																2									8 ×	
			10×	<b>6</b>	10×	×	10×	8	10×	*	10×	×6	12X	8	10×	10×	15	12X	12x	*	XO.	12x	12X	× 6	12×	12X	1	12X	127	12 X	12X	12x	X	12x	12X	1.		127	177	1 *	147	X	14×	14×	12X	-

SHEAR	AKEA	•	99.9		6.72	69.9	99.9		8.61		71.0		69.9	8.61	8.67	5.85	6.72	8.64		5.47	8-67	6.75	5.85	49.0	6.72	8.67	8.75	9.64	6.72	6-11	8.67	9.64	10.96	8.75	10.89		9.75	10.03		10.00	2:2	8.75	10.89		11.05	10.98	18.89	
NGE	IMICK	.656	.594	989.	.719	.656	.594	1.000	.594	200	6113	.020	.656	.594	.719	.719	.719	.656	.594	1.125	.719	.875	.719	.656	.719	.719	.875	.656	.719	1.250	.719	.656	.656	.875	.719	-113		617.	6113	• 656	.875	.875	.719	• 656	1.000	.875	.719	
FLA	MIDIM	6.00	7.00	9.00	6-00	7.00	8-00	7-00	5-00			2.00	8.00	6-00	2.00	9.00	8.00	6-00	7.80	7.00	6.00	5.00	10.00	7.00	9-00	7.00	9-11	8-00	10-00	2.00	0-0	00-6	6-00	7-00	9-00	90.6	0			00-9	10.00	9-00	8-00	9-00	9.00	7.00	9.00	
WEB	THICK	.438	.438	.375	.438	.438	.438	.563	200		000	006.	.438	.500	.500	.438	.438	.500	.500	.625	.500	.500	.438	.500	.438	.500	.500	.500	.438	.688	.500	.500	. 563	.500	. 563	006.	. 500	.563	0000	.505	. 500	.500	.563	.563	. 563	.563	.563	
	DEPTH	14.66	14.59	12.66	14.72	14.66	14.59	8.00	16.59		74.16	10.00	14.66	16.59	16.72	12.72	14.72	16.66	16.59	6.13	16.72	16.88	12.72	16.66	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	18.66	16.88	18.72	10.72	16.88	10.72	10.72	18.00	14.60	16.88		18.66	19.00	18.88	18.72	
	•	2	2	10	10	=	10.88	=				:	11.	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.38	12.44	12.59		•	13.25	13.25	13.31	13.56	13.75	13.91	14.06	14.13	14.66	14.67	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.	16.25	16.59	
;	44	10.3	10.1						11.8									11.4	11.2	5.5	11.3	11.4	7.9							5.1	10.7	10.5	12.5		12.3							10.0	11.7	11.6	11.9	11.7	11:4	
5	46	5.0	5.1	5.0	5.5	5.3	5.4	3.6	5.4		2.0	2.0	2.6	5.1	5.7	5.5	5.8	5.9	6.0	3.6	6.1	6.1	5.5	6.2	6.1	4.9	6.5	6.5	6.3	3.6	6.7	6.7	9.9	6.9	7.0		7.2	2:	7.	**	6.0	1.5	2.6	7.7	7.8	7.8	7.9	in.
•	×	9.9	6.1	5.6	6.1	6.2	6.2	3.6	6.5			0.0	6.3	9.9	6.7	5.6	4.9	2.9	9.9	3.6	6.9	6.9	5.7	6.9							-		7.4	7.2	7.5		7.3				•	**	2.8	7.8	7.9	7.9	7.9	- 5/8
	INERTIA	790.5	809.1	697.5	829.4	853.3	865.3	287.1	952.3	2 700	0.000	254.0	915.5	1028.8	1037.1	746.2	958.7	1078.0	11011.7	312.5	1125.9	1140.4	788.9	1155.8	1017.9	1209.1	1241.5	1229.7	1073.2	337.3	1287.9	1300.5	1429.1	1336.6	1488.0	1361.6	1424.9	1566.4	1436.5	1014.4	1510.1	1508.1	1683.3	1699.5	1733.7	1742.3	1773.7	0.6250
HODOLUS	ZFL.	77.0	80.1	63.9	81.7	85.5	67.9	54.8	80.7		11.1		94.0	89.4	89.3	91.9	100.3	9.46	98.2	9.09	99.9	100.1	100.0	104.2	109.6	110.4	112.8	113.8	118.0	66.3	120.9	153.4	114.6	125.5	120.5	131.5	138.2	132.1	141.	135.9	140.2	150.8	143.6	146.4	146.0		155.1	
SECTION	747	157.6	158.4	140.3	159.8	160.8	161.2	84.7	175.7		103.	110.4	163.5	180.1	180.9	142.8	165.7	182.8	163.9	6.98	185.4	186.5	144.5	186.7	168.0	189.2	191.1	189.9	170.0	89.1	192.5	192.8	209.7	194.9	212.6	195.3	2-961	0-112	137.0	6112	1/0.1	5002	220.9	221.3	223.7	223.6	224.3	
	MINE	34.20	34.95	35.39	35.50	36.45	36.99	37.20	37.30	10.12	20.00		38.69	39.30	39.41	39.85	40.39	40.60	41.34	41.65	41.85	42.09	42.30	42.81	42.81	44.30	45.05	45.05							49.10													
,	7F	• 65	1465.	. 65	.71	.65	59	00							.719T						.719T	1878.	1617.	.656T	.719T	.7197	.875T	.656T	.719T	•	.7191	•	•	•	1617.	•	•	•	•	•	16/00	•	.7191	•	•	•	•	
	INAL SIZE		•		•	•															.500/	.500/	.438/	.500/	.438/	.500/	1005.	1005.	.438/	.688/	.500/	•	•	•	.563/	•	•	•	•	•	1006.	•	•	.563/	.563/	•	•	
1	INON	4X 6X	4X 7X	2x 9x	X9 X4	XZ X4	X9 X4	7X 7X	6X 5X	**	**	XC XO.	** 8X	10 X9	16x 5x	X6 X2	4X 8X	8 ex	6x 7x	7X 7X	6X 6X	16x 5x	2X10X	6X 7X	X6 X4	6x 7x	8x 6x	6X 8X	4X10X	7X 7X	8 x9	X6 X9	8x 6x	X 18	18x 6x	16 XQ.	0 X 0 X	X		10 x 01	TOTAL	16 X9	16× 6×	8x 8x	8X 6X	8 X	8 9x	

	SHEAR	AREA	6.75	10.89	11.05	10.98	11.05	10.98	12.35	15.48	15.48	15.66	15.48	15.66	15.48	15.66	15.48	19.13	19.32	19.13	19.32	19.13	19.32	19.13	15.66	15.66	19.32	19.32	25.48	25.38	25.16	25.48	25.38	25.16	25.16	25.48	32,01	32.13	32.01	32.38
*****	39	THICK	.875	.719	1.000	.875	1.000	.875	1-125	.875	.875	1.125	.875	1.125	.875	1.125	.875	.875	1.125	.875	1-125	.875	1.125	.875	1-125	1-125	1.125	1.125	1.500	1.375	1.125	1.500	1.375	1.125	1.125	1.500	1.375	1.500	1.375	1.750
ONS	FLAI	MIDTH	10-00	10.00	0.00	11.00	10-00	12-00	9.00	9.80	10-00	8-80	11-00	9-00	12.00	10-00	13.00	10-00	8-00	11-00	9-00	12-00	10-00	13.00	14.00	15.00	12.00	13.00	00 -6	10-00	13-00	10.00	11.00	14-00	15-00	13. 80	10.00	10-00	11.00	10.00
DIMENSIONS	MEB	THICK	.500	.563	.563	.563	.563	.563	.625	.688	.688	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.750	.688	989.	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000
** BEAM								18.88																			25.13												31.38	
*****		AREA	16.75	17.31	18.13	19.75	20.13	20.63								_							29.25												40.50	43.13	43.75	45.00	45.13	47.50
		YF	9.7	11.2	11.1	11.5	10.4	10.2	10.5	12.6	12.3	15.4	12.0	12.0	11.7	11.7	11.4	13.8	13.9	13.5	13.6	13.2	13.2	12.9	10.5	10.2	15.5	12.2	14.4	14.2	13.8	14.0	13.8	13.5	13.2	12.9	15.7	15.5	15.4	15.1
		4	7.8	8.2	8.5	9.0	9.5	9.3	9.3	6.6	10.2	10.4	10.5	10.1	10.8	1101	11.1	11.7	11.0	12.0	12.2	12.3	12.6	15.6	12.3	12.5	13.2	13.5	14.7	14.0	15.0	15.2	15.2	15.3	15.6	16.2	16.3	16.6	16.6	17.3
		~	7.5	8.0	9.1	8.2	8.3	8.3	8.2	9.1	9.1	2.6	9.5	9.3	9.3	9.6	9.3	10.1	10.2	10.2	10.3	10.3	10.4	10.3	9.6	9.5	10.5	10.5	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.6	12.3	12.4	12.3	12.5
		INERTIA	1585.1	1860.3	1975.5	2137.5	2187.2	2221.9	2242.9	2795.1	2921.5	2982.9	3041.3	3135.1	3155.2	3277.7	3262.3	3962.8	4037.7	4114.3	4232.0	4260.5	4416.9	4402.3	3775.8	3883.8	4756.9	4915.1	6395.6	6419.0	6527.8	4 - 5999	6663.9	6720.0	6901.4	7388.1	8360.3	8664.9	8664.7	9250.0
	MODULUS	ZFL	163.3	166.7	177.8	204.3	₹002	210.0	213.6	222.3	238.2	240.6	253.9	260.5	269.7	280.3	285.1	287.1	289.8	304.6	312.1	322.2	334.5	340.1	359.7	379.4	379.1	4.11.5	6.444	452.0	474.7	477.1	481.7	499.3	523.4	573.3	531.6	559.1	564.1	613.1
	SECTION	ZPL	203.3	227.3	232.0	236.3	238.2	238.6	242.4	281.4	285.3	288.1	288.9	292.5	292.0	296.3	594.9	338.6	341.6	342.9	347.0	346.9	351.9	350.5	308.0	310.3	360.2	363.7	433.6	433.6	435.1	439.9	439.2	439.3	443.2	455.0	513.6	521.1	9.029	535.1
	世界 上の日	HT/FT	56.95	58.85	61.64	67.15	68.44	70.14	12.69	75.85	78.85	79.70	81.80	83.50	84.80	87.35	87.75	96.96	91.80	93.94	95.64	96.90	69.45	99.89	102.65	106.45	107.10	110.94	126.24	127.09	130.02	131.34		133.89		146.64	148.75	153.00	153.44	161.50
		NOMINAL SIZE	. 50	.563/ .71	3x .563/1.000T	1X .563/ .875T	1X .563/1.000T	2x .563/ .875T	9x .625/1.125T	9x .688/ .875T	12 . 668/ .875T	8X .688/1.125F	•		ZX . 688/ .875T	1X .688/1.125T	3x .668/ .875T		8X .750/1.125T			.750/ .87		•	•	•	•	•				•		tx .875/1.125T		3X .875/1.500T	30X10X1.000/1.375T	30X10X1.000/1.500T	000/1.37	0X1 0X1. 000/1.750T
		N	16×10×	18×10×	18X 8X	18X11X	18X10X	18X12	18X 9	21X 9	21X10X	81X 8		21X 9	21X12X	21X10X	21X13X	24X10X	24x 8	24×11×	24X 9	24X12	24X10X	24 X 1 3 X	21X14X	21X15X	24×12×	24×13×	27x 9	27×10×	27×13×	27×10×	27X11X	27×14×	27X15X	27×13×	30X1	30X1	30×11	30X1

0.6250 - 5/8 in.

.668 IN. PLATE (AREA= 14.18 SQ.IN.)

							ň	1 2.58		3.19	9 4.93	2.	2	3.5	;	6.4	;	3.12	3.	5.	•		•	4.98				3-67			3.		;	•	•	٠.	:	10.0		. 9			
THICH	. 56	. A . A	.50	.500	.43	.500	.563	. 563	.500	.500	.46	.56	.563	.500	.531		. 594	.625	.56	.65	.531	.563	. 469	. 594	.563	.531	000	.688	.594	.531	.75	. 556	.594	.531		.656			.875	.594	.719	.656	
MIDIM			2.00	7.88	6.00	6-00	5.00	7.80	6-00	7.00	** 00	7.00	0	7.00	4.0	2.00	4-00	7-00	7.00	4.00	2.80	8-00	9.90	5.00	8.00	9-00	200	7.80	6.00	7.00	7.00	6-00	7-00	2.00		2.00	-	20.0	7.00	6-00		8.00	
THICK	212	313	313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	. 313	.375	.375	.313	.375	.375	. 313	.375	. 37.5	438	.375	.375	.438	.375	.375	.438	0000	.375	.37.5	424	500	.438	.438	.375	. 563
DEPTH	10.56	0.44	10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	15.47	8.56	10.56	10.50	12.53	12.47	12.59	7.63	10.56	12.66	12.53	9.56	12.47	12.59	10.56	12.53	12.00	7.69	12.59	12.53	7.75	12.66		4.5	4:5	9 . 2	12.59	14.73	7.88	14.59	14.72	12.66	
RE	2 3	S. 44	5.63	5.69	5.75	5.81	5.94	6.13		31			.50	m	m				.06	M	. 16	.31	7.31	14.	.63	. 69		7.88	.06	.22	.31	***	9.66	8.78	9.09	60.6	3.65	10.6	9.63	9.69		~	9.94
4			8.7	6.1	9.6		9.0	6.0	8.5	7.5	10.3				10.2		10.1			10.1	10.0	7.3	9.8	6.6	6.7	9.7			9.6	9.5		9.5		11.2					5.7				5.8
d X	1.0	2.5	2.5	2.1	5.6	5.5	2.7	2.2	2.7	5.6	5.9	5.5	5.9	5.9	3.0	3.1	3.1	5.4	3.1	3.2	3.3	3.0	3.3	3.4	3.3	3.5		2.6	3.7	3.7	2.7	3.8	3.9	4.0		;	:	7.4	2.0	4.4	***	4.3	2.9
~		3 .		3.0	3.9		4.0	3.1	4:1	3.8	4.4	3.5	4.2	4.2	4.5	4.6	4.6	3.2	4.3	4.7	4.7	4.0	4.0		4.5			N .	5.0	5.1	3.3	5.1	2.5	5.5	2.0	5.5	2.5	2.0	3.4	5.8	5.8	5.4	
Z		249.4	302.3	182.2	309.5	271.6	325.5	198.1	336.9	298.7	400.0	256.8	63.	369.6	•	446.6	2	216.8	398.7	478.0	478.1	351.5	9.064	508.2	433.5	526.7	5200	235.2	561.2	573.4	549.9	288.7		692.4	30.	650.3	. 60	74.	281.3	66	10	-	284.4
ZFL	42.4	31.0	34.9	30.0	36.2	35.2	37.9	33.0	39.8	39.6	38.9	38.2	43.4	44.7	41.8	2.4.5	44.6	36.6	48.9	47.3	48.0	49.4	6.64	51.4	24.6	54.1	24.9	40.4	58.3	60.3	43.3	65.5	85.2	61.7	92.0	70.1	0.27	50.0	4.9.8	73.5	73.6	17.7	4.64
ZPL		107.5	119.7	86.5	120.3	110.2	152.4	88.5	123.3	112.9	138.9	102.0	2	56.	141.9	143.8	3	90.3	28.	47.		117.5	147.9	149.7	131.2	151.0	156.5	92.0	153.7	154.4	93.6	156.3	157.1	173.4	1/0.4	159.7	159.9	179.6	46.5	181.1	182.0	162.4	97.2
-		8.50		2	. 55	.75				10	•	-	22.10	22.54	22.54	23.26	23.39	23.80	24.00	24.24	24.34	54.85	24.85	25.40	55.94	26.15	24.02	26.79	27.40	27.95	28.25	28.70	29.44	29.85	30.91	30.91	31.43	21.00	32.74	32.95	33.05	33.15	
SIZE	SART	- 43.AT	-500T	.500T	.438T	.500T	. 5637	.563T	.500T	.500T	1694.	. 563T	. 563T	.500T	.531T	1694.	. 594T	.6251	.5631	.656T	.531T	. 563T	1694.	1465.	. 5631	-5317	. 600 TO 20	1688T	1465.	.531T	1054.	.656T	1465.	-5317	1964	1959	1966.	.551	18751	1965.	.719T	.656T	.00
AAL	**	313/				•	•	•	•	•	.375/	. 313/	•	.31	•	•	•	•	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	375	438/	.375/	.375/	. 438/	.375/	.375/	.438/	430		•	•	500/	٠.			
OMI			X	×	¥9	¥9	2X	X	¥9	×	×	×	×	×	×	2	×	×	×	×	2X	8×	×	2	×	× 9	**	: X	×9	X	X	8×	×	×	X	× :	× ×	40	XX	×	2X	8×	×

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0.7500 - 3/4 in.

in.

0.7500

			STATE AND STATE					SEAN		SIONS		
	SECTION 70.	2		•	5	;		-	100	1	FLANGE	SHEAR
56.	27	169.3	1843.5	**	6.7		16.75	16.88	500 S	10.00	.875	8.82
58.	.85 302.6	173.4	2146.2	7.9	7.1	12.4	17.31	18.72	.563	11.0	.719	10.96
563/1.000T 61.0		185.1	2286.4	9.1	7.4	12.3	16.13	19.00	. 563	8.00	1.000	11-12
67		212.6	2491.5	8.2	7.9	11.7	19.75	16.00	. 563	11.00	.875	11.05
68.	44 317.4	218.0	2552.8	8.3	9.0	11.7	20.13	19.00	.563	10.00	1.1	11.12
		226.8	2599.0	8.3	8.2	11.5	28.63	18.88	.563	12.00	.875	11.05
72.	69 321.2	223.1	2616.4	9.3	9.1	11.7	21.38	19.13	•629	9.00	1.125	12.43
75.	85 368.3	232.8	3227.5	9.1	8.8	13.9	22.31	21.88	.688	9.00	.875	15.57
78.	85 373.4	249.3	3382.8	9.2	9.1	13.6	23.19	21.88	.688	10-00	. 875	15.57
79.	78 376.8	252.0	3455.3	9.3	9.2	13.7	23.44	22.13	.688	9. 00	1.125	15.74
.18	80 378.0	265.7	3531.0	9.3	9.3	13.3	24.16	21.88	.688	11.00	.175	15.57
. 83.	50 382.6	272.0	3643.8	9.6	9.5	13.4	24.56	22.13	.688	9.00	1.125	15.74
	80 382.1	282.1	3672.7	9.6	9.6	13.0	16.42	21.88	.688	12-00	.875	15.57
87.	35 387.6	293.5	3821.7	9.6	6.6	13.0	55.69	22.13	.688	10.00	1.125	15.74
87.	5	298.2	3886.7	9.6	9.6	12.8	25.81	21.88	.688	13.00	. 875	15.57
6	5	301.5	4574.5	10.2	11.5	15.2	26.75	24.88	.750	10.00	.875	19.22
		304.5	4662.1	10.3	10.6	15.3	27.00	25.13	.750	8-00	1.125	19.61
93	94 442.9	319.7	4759.1	10.3	10.7	14.9	27.63	24.88	.750	11.00	.875	19.22
95		327.8	4899.2	10.4	10.9	14.9	26.13	25.13	.750	9.00	1.125	19.41
.7507 .875T 96.9		338.1	4938.3	10.4	11.0	14.6	28.50	24.88	.750	15.00	.875	19.55
66		351.2	5126.3	10.5	11.3	14.6	29.52	25.13	.750	10.00	1.125	19.41
6		356.7	5112.9	10.5	11.3	14.3	29.38	24.88	.750	13.00	.875	19.22
102		376.6	4453.9	2.5	11:1	11.8	30.19	22.13	. 688	14.00	1.125	15.74
5T 106.4	10	397.1	4593.1	9.6	11.3	11.6	31.31	22.13	. 688	15.00	1-125	15.74
107		397.9	5547.7	10.7	11.9	13.9	31.50	25.13	.750	12.00	1.125	19.41
		421.3	5745.6	1	12.2	13.6	32.63	25.13	.750	13. 80	1.125	19.41
		466.6	7395.6	11.7	13.5	15.8	37.13	28.50	-875	9.00	1.580	55.59
127.		1.024	1426.8	11.7	13.5	15.6	37.38	28.38	.875	10.00	1.375	64.62
130.	s .	4664	1565-1	111.	13.7	15.1	38.25	28.13	.675	13.00	1.125	25.27
131.	54 556.5	205.0	1124.5	11.0	13.9	12.4	38.63	28.50	.875	10.00	1.5	66.62
131.		507.3	1.5211	11.8	13.9	15.2	38.75	28.38	.875	11.00	1.375	55.49
133		525.3	7800.7	11.8	16.0	14.9	39.38	28.13	.875	14.00	1.125	25.27
137	.70 560.9	520.5	8023.7	11.8	14.3	14.6	40.50	28.13	.875	15.00	1-125	25.27
146		603.6	8614.6	12.0	15.1	14.3	43.13	28.50	.075	13.00	1.500	25.59
375T 146.	75 638.4	561.0	9594.1	12.6	15.0	17.1	43.75	31.38	1.000	10-00	1.375	32-13
	647.5	589.9	6.4566	12.7	15.4	16.9	45.00	31.50	1.000	10-00	1.500	32.25
	6.949 44	595.0	9957.7	12.7	15.4	16.7	45.13	31.38	1.000	11.00	1.375	32-13
OT 161.	50 664.1	6.949	10650.1	12.9	16.0	16.5	47.50	31.75	1.000	10.00	1.75	32.50
			0.7500	- 3/4	in.							

	SHEAR	AKEA	.51	.63	.78	.79	.78	.97	1.15	1.16	1.35	1.34	.97	1.35	1.16	1.35	1.50	2.05	1.83	2.06	2.30	2.05	2.08	2.31	2.30	2.33	1.81	2.31	2.06	1.83	2.33	2.31	2.08	1.83	2.33	3.21	2.08	3.23	3.52	2.33	3.21	3.25	3.54	3.52	3.27	3.56	3.54		
			.188	.188	.250	.313	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.438	.313	.438	.375	.313	.313	.438	.375	.313	.438	.375	.375	.375	.438	.438	.375	.438	.438	.438	.375	.438	.438	.375	.438	.375	.500	.438	.375	.563	.500	.438		
SIONS ***	=					2-00						3.00	4-00	3.00	4-00	00 -4	3.00	3.00	3-00	3.00	3.00	4.00	3.00	3.00	4-00	3.00	2.00	4.00	2.00	2.00	00-4	5.00	2.00	9-00	2.00	4-00	6.00	00-5	00-4	9-90	2.00	4.00	4-00	2.00	4.00	::	2.00		
DIMENSI	WEB	IMICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313		
SEAN		DEPTH	•				3.25	4.31	5.25	5.31	6.31	6.25	4.31	6.31	5.31	6.31	5.44	7.31	6.44	7.38	8.31	7.31	7.44	8.38	8.31	8.44	6.38	8.38	7.38	6.44	9.44	8.38	7.44	6.44	9.44	9.38	7.44	9.44	10.38	9.44	9.30	9.50	10.44	10.38	9.56	10.50	10.44		
		AKEA	.75	.88	1.06	1.19	1.31	1.38	1.44	1.56	1.75	1.68	2.00	2.06	2.19	2.38	2.56	2.69	2.81	2.88	2.94	3.00	3.06	3.13	3.25	3.31	3.38	3.50	3.63	3.69	3.75	3.88	3.94	4.13	4.19	4.31	4.38	4.56	4.63	4.63	69.4	4.81	4.88	2.00	5.06	5.13	5.31		
	;	-	3.5	4.5	3.6	3.6	3.5	4.6	5.5	5.5	9.9	6.3	*:	6.3	5.4	6.3	5.4	7.2	6.3	7.2	8.1	7.1	7.2	9.1	9.0	8.1	6.1	8.0	7.0	6.1	8.0	7.9	7.0	9.0	1.9	8.8	6.9	8.8	9.6	7.7	9.7	8.7	9.6	9.5	8.7	9.6	9.5		
	5	1	••	9.	9.	9.	9.	9.		.7	•					6.	6.	1.0	1:0	1.0	1.1	1:1	1.1	1.2	1.2	1.2	1.1	1.3	1.2	1.2	1.3	1.4	1.3	1.3	1.5	1.5	1.4	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.8	1.9	in.	
	•	×	9.		9.			6.	1.0	1.1	1.3	1.4	1.1	1.5	1.4	1.6	1.4	1.8	1.7	1.9	2.1	1.9	2.0	2.2	2.2	2.3	1.9	2.3	2.2	2.0	5.5	5.5	2.3	2.1	5.6	2.7	5.4	2.8	3.0	2.8	5.9	5.9	3.1	3.2	3.0	3.2	3.3	- 7/8	
		INCKLIA	7.7	12.5	6.6	11.6	13.0	19.3	25.7	59.4	42.8	47.4	31.1	54.8	46.9	66.8	52.0		74.3	92.0	109.9	97.4	101.5	122.2	129.2	134.2	94.4	145.0	128.1	106.2	161.1	166.0	163.4	121.3	186.9	198.5	163.1	217.7	250.0	212.0	256.2	236.6	273.0	283.2	256.2	296.3	310.9	0.8750	
	MODUL US	(FL	2.2	2.8	2.8	3.2	3.7	4.2	4.7	5.4	6.7	7.5	7.0	9.0	8.7	10.7	9.6	11.4	11.7	12.7	13.6	13.7	14.0	15.1	16.2	16.5	15.3	18.1	18.3	17.3	20.2	21.3	20.5	20.1	23.8	55.6	23.7	54.9	26.0	27.4	26.1	27.1	28.4	8.62	29.4	31.0	32.9		
	SECTION	747	14.7	22.3	17.9	20.1	2.9	30.5	38.7	42.5	56.2	6.65	41.9	65.3	56.8	72.9	59.7	83.6	76.2	88.7	100.6	91.2	93.3	106.2	109.0	111.2	85.4	115.0	103.7	90.2	120.5	122.4	108.9	85.2	127.9	134.6	114.4	140.0	153.2	133.9	141.9	144.9	158.9	161.1	149.5	164.2	166.9		
		•	5.55		3.60	4.05	4.45	69.4	4.90	5.30	5.95	6.39	6.80	7.00	7.45	8.09	8.78		9.55	9.79	10.00	0	10.40	10.64	11.05	11.25	11.49	11.90		12.55		13.19	13.40	14.04		4.6	14.89	15.50	15.74	15.74	15.95	16.35	16.59	17.00	17.20	17.44	18.05		
	;		-188T	.188T	.250T	.313T	.250T	.313T	.250T	.313T	.313T	.250T	.3131	.313T	.313T	. 31 3T	.438T	.313T	.438T	.3751	.313T	.313T	.438T	.3751	.3131	.438T	.375T	.375T	.37.51	-438T	-438T	.375T	.438T	-438T	.438T	.375T	.438T	.438T	.375T	.438T	.375T	.500T	.438T	.375T	. 563T	20	.438T		
		INAL S	1521	1521.	.188/	.188/	.188/	.188/	.188/	.188/	.188/					.188/		1052			.250/	1052.	1052.	-250/	1052.	1052.	-250/	1052.	.250/	1052.	1052.	.250/	1052.	-250/	-250/	.313/	.250/	.313/	.313/	1052.	.313/	.313/	.313/	.313/	.313/	.313/	.313/		
	1011	Z	3X 2X			3X 2X									5x 4x									8X 3X		8X 3X						8x 5x		6x 6x			7X 6X			8x 6x				10X 5X					

.875 IN. PLATE (AREA= 22.97 SQ.IN.)

										****	BEAN BEAN		DIMENSIONS	*****	
				SECT ION	£								FLANGE	NGE	
Z	INAL	H	HT/FT	74Z	ZFL	INERTIA	~	4 b	4	AREA	-	THICK	HIDIM	THICK	
			18.29	168.9	33.4	319.0	3.4	1.9	9.5	5.38	10.56	.313	00 - 4	.563	
9 x6	•		18.50	153.8	32.9	579.9	3.1	1.8	8.5	5.44	9.44	.313	00.9	.438	
	•	1005 /		172.2	36.0	338.7	3.6	2.0	4.6	5.63	10.50	.313	2.00	.500	
	K . 31.5/		19.55	123.6	31.0	7.7.2	1.2			2.09	200	215			
			19.33	113.5	26.55	305.3	2.2	•		5.8.5		212	9		
	•	•		177		366.2				200	10.56	212	200	26.8	
7 7 7	12 12 XZ	•	20.02	127.5	14.1	256.7		1.5	2.4	6.13	7.56	313	7.00	563	
	•	•	20.00	178.9		380.0					10.50	200	200	200	
	• •	• •	21.45	154.0		339.1		2.5		6.31	9.50	313	7.00	5.00	
				2002		668.3		2.2	11.1	6.38	12.67	375	00	694	
			21.90	168.0	10.	293.5	3.2	2.0	7.5	6.44	8.56	313	7.00	563	
			22.10	183.7		411.7	3.7	2.2	9.5	6.50	10.56	.313	6.00	.563	
		•	22.54	184.4	46.1	419.6	3.8	2.3	9.1	6.63	10.50	.313	7.00	.500	
12x 4		•	22.54	205.7	43.3	479.3		2.3	11.1	6.63	12.53	.375	4.00	.531	
	5x .375/	•	23.26	209.1	46.0	503.1	4.1	4.2	10.9	6.84	12.47	.375	5.00	694.	
	•	•	23.39	210.5	46.2	510.3	1:1	5.4	11.0	6.88	12.59	.375	4.00	.594	
	•	•	23.80	130.8	38.0	250.3	6.5	1.9	9.9	7.00	7.63	.375	7.00	.629	
	•	•	24.00	189.1	\$0.4	455.2	3.9	2.4	9.0	1.06	10.56	.313	7.00	.563	
	•	•	24.24	214.8	49.0	2.046	4.2	5.5	11.0	7.13	15.66	.375	4.00	.656	
	•	•	24.34	214.5	49.7	2.0.5	4.2	2.5	10.9	7.16	12.53	.375	2.00	.531	
			54.85	172.8	49.9	404.3	3.7	2.3	8.1	7.31	9.56	.313	8.00	.563	
	•	•	24.85	216.2	51.6	6222	4.3	5.6	10.0	7.31	15.47	.375	6.00	694.	
	5x .375/	•	25.40	219.5	53.5	576.7	*:	5.6	10.8	7.47	12.59	.375	2.00	.594	
	•	•	52.94	193.9	2.95	498.5		9.2	6.9	7.63	10.56	.313	8.00	.563	
	•	•	26.15	221.6	20.8	599.3	*	2.7	10.7	1.69	12.53	.375	9.00	.531	
	•	•	54.92	8.522	56.9	613.6	4.5	2.7	200	2.78	12.66	.375	2.00	.656	
		•	59.92	2.222	2.75	607.1	*	1.2	10.0	2.5	12.47	.375			
**	1 .4567		27 .69	133.9	0.24	2030	2.0	200		000		0000			
	• '	• '	27.95	227.7	62.5	666.5		2.0		8.22	12.51	375	7.00	531	
			28.25	136.9	45.0	242.2	3.1	2.1	6.5	6.31	7.75	.438	7-00	.750	
			28.70	230.9	64.6	683.6	4.7	3.0	10.6	9.44	12.66	.375	6.00	.656	
	7X .375/	•	59.44	232.5	67.4	703.8	4.7	3.0	10.4	9.66	12.59	.375	7.00	.594	
	•	•	29.85	254.4	64.2	789.3	5.0	3.1	12.3	8.78	14.53	.438	2.00	.531	
	•	•	30.91	259.5	68.3	835.8	5.1	3.2	12.2	60.6	14.59	.438	2.00	.594	
		•	30.91	237.1	72.5	751.6	4.8	3.2	10.4	9.09	12.66	.375	7.00	• 656	
	8x .375/	•	31.45	237.6	74.5	763.6	4.9	3.2	10.3	9.25	12.59	.375	9.00	.594	
		•	31.65	262.1	71.5	865.2	2.5	3.3	15.1	9.31	14.53	.438	6.00	. 531	
	•		31.99	264.3	72.5	883.6	2.5	3.3	12.2	9.41	14.66	.438	•	.656	
		•	32.74	145.1	51.9	332.7	3.2	2.3	4.9	9	7.88	.500	0	.875	
	•	•	32.95	267.2	76.4	919.2	5.3	3.4	12.0	69.6	14.59	.438	6.00	.594	
	5x .438/	•	33.05	268.7	16.5	929.0	5.3	3.5	15.1		14.72	.436		.719	
2x 8	1375. XI		31.15	242 1	80.2	8.5.4				10	12.66	175	A.00	456	
	•	•		****	0.00	***	200	***	7.07		16.00			-	

	SHEAR	AREA	6.80	6.77	5.06	6.83	9.90	6.77	2.00	8.73	6.83	8.77	6.80	8.73	09.9	5.95	6.83	8.77	8.73	5.63	8.8	9.88	5.95	8.77	6.83	8.80	8.88	8.77	6.83	6.28	8.80	8-77	11.00	8.88	11.03	8-80	8.88	11.03	8.80	11.00	7.86	8.88	11.03	11.00	11.19	11.12	11.03	
*****	NGE	THICK	.656	*65.	.656	.719	959.	.65.	1.000	.594	.719	969.	969.	*65.	.719	.719	.719	969.	165.	1.125	.719	.875	.719	9690	.719	.719	.875	•656	.719	1.250	.719	959.	.656	.875	.719	.719	.875	.719	.719	969.	.875	.875	.719	969.	1.000	.875	.719	
SIONS **	3	WIDTH	6.00	7.00	9.00	6-00	7.00	8-00	7.00	2-00	7.00	2.00	8-00	6.00	2.00	9-00	8-00	6-00	2.00	7-00	6.00	2.00	10-00	2.00	9.00	7.00	6.00	8-00	10.00	7.00	8.00	9-00	9	7.80	6.00	00-6	8-00	2.00	10-00	8-00	10.00	9-00	8.00	9-00	-9	7.80	9.00	
I DIMEN		THICK	.438	.438	.375	.438	.438	.438	.563	.500	.438	.500	.438	.500	.500	.438	.438	.500	.500	.625	.500	.500	.438	.500	.438	. 500	.500	.500	.438	.688	.500	.500	.563	. 500	. 563	. 500	.500	. 563	.500	.563	.500	.500	.563	.563	.563	.563	. 563	
*** BEA!		DEPTH	14.66	14.59		14.72	14.66	14.59	8.00	16.59	14.72	16.66	14.66	16.59	16.72	12.72	14.72	16.66	16.59	8.13	16.72	16.88	12.72	16.66	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	18.66	16.88	18.72	16.72	16.68	18.72	16.72	18.66	14.88	16.88	18.72	18.66	19.00	18.88	18.72	
****		RE	10.06	10.28	10.41	10.44	10.72	10.88	10.94	10.97	11.16	11.28		11.56	11.59	=	11.88		12.16	12.25	12.31	12.38	12.44	12.59	12.59	13.03		13.25		13.56	13.75	13.91	14.06	14.13	14.44	14.47	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13	16.25	16.59	
		YF				11.9	11.7	11.6	6.3				11.5	13.3	13.5	9.6	11.4				13.2	13.3	9.6	13.0	11.2	12.9	13.0	12.8	11.0	6.2	12.7	12.6	14.5	15.7	14.4	12.5	12.4	14.2	12.2	14.0	10.6	12.2	13.9	13.8	14.1	13.9	13.7	
		4	3.6			3.7	3.8	3.9		•	4.0	•	4.0	4.1	4.1	3.8	4.2		4.3	2.7	4.4	*:		4.5	4.4	4.7	4.7	4.7	4.6	2.9	4.9	5.0	2.0	5.0	5.5	5.1	5.3	5.4	5.4	5.5	5.1	5.6	5.7	5.7	5.8	5.6	5.9	
		œ	5.4	5.5	5.1	5.5	5.6	2.6	3.3	6.6	5.7	6.0	5.8	6.1	6.1	5.5	5.9	6.2	6.2	3.4	6.3	6.3	5.4	6.4	9.0	6.5	9.9	6.5	6.2	3.5	6.7	6.7	6.9	9.9	7.1	9.9	6.9	7.3	6.9	7.3	6.4	7.1	7.4	7.5	7.5	7.5	7.6	
		INERTIA	973.6	1.666	878.2	1026.7	1060.4	1077.9	371.3	1169.3	1120.5	1225.5	1143.9	1272.0	1282.3	6.6%6	1209.4	1338.5	1371.8	409.1	1403.8	1422.4	1013.5	1446.0	1295.5	1519.9	1563.7	1549.8	1377.6	446.2	1631.9	1650.9	1787.5	1699.8	1867.7	1738.8	1828.5	2007.3	1842.4	2044.7	1581.7	1952.2	2141.2	2165.3	2208.8	2222.9	2270.8	
	MODOLUS	ZFL	81.4	84.6	88.1	86.4	9.06	95.8	58.6	86.1	96.3	90.6	4.66	95.3	95.3	97.0	0	0	104.5	65.0	106.4	106.8	105.5	110.9	115.6	117.5	120.5	121.0	125.5	71.5	128.6	131.2	123.1	133.7	129.4	139.7	147.1	141.7	150.7	145.7	149.0	160.6	153.9	156.9	156.8	159.6	166.1	
	SECT ION	ZPL	272.2	274.0	246.4	276.6	278.8	279.7	146.5	300.4	283.3	305.3	284.5	308.8	310.0	250.1	288.9	313.9	316.0	150.7	318.8	320.6	253.9	321.2	293.8	326.1	329.5	327.6	298.0	154.6	332.5	333.2	356.6	336.9	361.9	338.0	343.2	369.9	345.9	371.6	307.5	348.7	376.9	377.8	381.7	381.8	383.2	
		NT/FT	34.20	34.95	35.39	35.50	36.45	36.99	37.20	37.30	37.94	38.35	38.69	39.30	39.41	39.85	40.39		41.34	41.65	41.85	45.09	42.30	42.81	42.81	44.30	45.05	45.05	45.25	46.10	46.75	47.29	47.80		49.10	69.20	51.00	51.54	51.65	52.29	53.55	53.99	53.99	54.50	54.84	52.55	56.41	
		SIZE		1965.	.656T	•	.656T	•	:	1965.		•		•			•		1965°								•	•	.7191	-		•	•	•		•	•		•	•	•	.875T	•			.87	1617.	
		INAL	•	•	.375/	.438/	.438/	.438/		.500/	.438/	.5007	.438/	.500/	.500/	.438/	•	•	•	•	.500/	.500/	•	•	•	•	•	•	•	•	•	•	•	•	•	.500/	.500/	. 563/	•	•	•	•	•	•	•	.563/	.563/	
		HON	14X 6X		12x 9x			14X 8X		16X 5X												16X 5X	-					16X 8X	-									18x 7x	16×10×	18X 8X	14×10×	16x 9x	18X 8X	16x 9x		×	16x 9x	

0.8750 - 7/8 in.

.675 IN. PLATE (AREA= 22.97 SQ.IN.)

NAL SIZE  1NAL SIZE  5017 6757 56.95  5637 1197 56.05  5637 0757 67.15  5637 0757 67.15  5637 0757 67.15  6867 0757 70.14  6887 0757 70.14  6887 0757 70.05  6887 0757 70.05  6887 0757 70.05  6887 0757 70.05  6887 0757 70.05  6887 0757 70.05  6887 0757 70.05  6887 0757 90.05  7507 0757 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05  7507 1257 90.05	N M DDULUS 173.99 173.99 173.99 173.99 233.99 233.99 274.99 274.99 274.99 313.0 313.0 313.0 340.6 340.6	INERTIA 2069-0 2059-0 2059-0 2007-5 2007-5 2007-0 3007-6 3004-2 3007-4 4110-2 4311-5 4311-5 5544-3 5544-3	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	F1888282844444444666	116 A R R R R R R R R R R R R R R R R R R	DEPTH 186.88 119.00 119.00 119.00 119.00 119.00 119.00 119.00 119.00 22.113 22.113 21.00 22.13 21.00 22.13 21.00 22.13 22.13		11000000000000000000000000000000000000	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	NEEAR AREA 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
NINAL SIZE  NX -5607 - 6757 - 56.95  NX -5637 - 0197 - 51.64  NX -5637 - 0197 - 61.64  NX -5637 - 0197 - 61.64  NX -5637 - 0197 - 61.64  NX -5637 - 0197 - 62.69  NX -6667 - 6757 - 75.65  NX -7507 - 6757 - 87.67  NX -7507 - 8757 - 91.60  NX -7507 - 8757 - 91.60  NX -7507 - 8757 - 91.60  NX -7507 - 6757 - 95.69  NX -7507 - 6757 - 6757 - 95.69  NX -7507 - 6757 - 6757 - 95.69  NX -7507 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 - 6757 -		40rvv060mn4v0nrvmvv			2	DEPTH 15.90 118.72 118.72 119.00 119.00 119.00 21.00 21.00 21.00 22.13 22.13 22.13 22.13 22.13 22.13 22.13 22.13		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1111111111111
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3X .666/ .6757 75.85  3X .668/1.1257 79.70  3X .668/1.1257 81.50  2X .668/1.1257 87.75  3X .668/1.1257 87.75  3X .750/ .6757 91.95  3X .750/ .6757 93.94  3X .750/ .6757 93.94  3X .750/ .1257 93.94  3X .875/ .1257 110.94  3X .875/ .1257 110.94  3X .875/ .1257 130.05	2540 2540 2540 2541 2541 2541 2541 2541 2541 2541 2541				222.31 23.19 23.19 24.56 24.56 24.56 27.06 27.06 27.06 27.06 27.06 27.06 27.06	21.88 22.13 22.13 22.13 21.88 22.13 21.88 22.13 21.88 24.88	**************************************	117,000		115.66 115.66 115.66 115.66 115.66 115.66 115.66 115.66 115.66
0x .600/1.1257 79.05 1x .600/1.1257 79.70 2x .600/1.1257 81.50 0x .600/1.1257 87.50 0x .600/1.1257 87.75 3x .600/1.1257 91.95 0x .750/1.1257 91.90 0x .750/1.1257 91.60 0x .750/1.1257 91.60 0x .750/1.1257 99.65 0x .750/1.1257 99.65 0x .750/1.1257 102.65 0x .750/1.1257 102.65 0x .750/1.1257 102.65 0x .750/1.1257 102.65 0x .750/1.1257 102.65 0x .750/1.1257 102.65 0x .875/1.1257 110.94 0x .875/1.1257 137.75	25				23.19 23.44 24.06 24.56 24.96 25.96 27.06 27.06 27.06	21.00 22.13 21.00 22.13 21.00 22.13 21.00 24.00 24.00 24.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	117777		115.06 115.06 115.06 115.06 115.06 115.06 115.06 115.06 115.06
13688/1.1257 79.70  13688/1.1257 81.80  22688/1.1257 84.80  23688/1.1257 87.35  33688/1.1257 91.80  338751/1.1257 99.45  34688/1.1257 99.45  35688/1.1257 102.65  35750/1.1257 99.45  35750/1.1257 102.65  35750/1.1257 102.65  35750/1.1257 102.65  35750/1.1257 102.65  35750/1.1257 102.65  35750/1.1257 102.65  35750/1.1257 102.94  35750/1.1257 102.94  35750/1.1257 102.94  35750/1.1257 102.94	261.0 274.0 201.0 3103.0 311.0 311.0 311.0 350.0 350.0				23.44 24.06 24.56 24.94 24.94 25.69 25.81 27.00	22.13 22.13 21.08 21.08 22.13 21.08 24.08 25.13	0 0 0 0 0 0 0 N	113.000		115.66 115.66 115.66 119.42 119.42
11	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				24.94 24.94 25.69 25.69 25.81 26.75	21.88 22.13 21.88 22.13 24.88 25.13	999999	11,000		15.66 15.83 15.66 115.66 115.66 119.32 119.32
2x .688/1.1257 83.50  2x .688/1.1257 84.80  3x .688/1.1257 87.35  3x .568/1.1257 91.95  3x .750/ .6757 93.94  2x .750/ .6757 95.64  2x .750/ .6757 95.64  2x .750/ .6757 96.90  3x .750/ .6757 96.90  3x .750/ .6757 99.69  3x .750/ .1257 99.69  3x .750/ .1257 110.94  3x .875/1.1257 110.94  3x .875/1.1257 110.94  3x .875/1.1257 130.05  3x .875/1.1257 130.05	2002 2002 3004 3003 3003 3003 3003 3003				24.56 25.69 25.69 25.81 26.75 27.60	22.13 21.88 22.13 21.88 24.88 25.13	99999	113.000		15.65 15.66 15.66 19.32 19.32
2X .688/ .8757 84.80 3X .688/1.1257 87.35 3X .750/ .8757 90.95 3X .750/ .8757 90.95 3X .750/ .8757 95.96 2X .750/ .8757 95.96 3X .750/ .8757 99.45 3X .750/ .8757 99.45 5X .688/1.1257 99.45 5X .688/1.1257 100.96 3X .750/ .1257 100.96 3X .875/1.1257 110.94 3X .875/1.1257 130.96 3X .875/1.1257 130.96	2011 3 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				24.94 25.69 25.81 26.75 27.63	21.88 22.13 21.88 24.88 25.13	9999	13.00		15.66 15.63 19.66 19.32 19.32
0x .686/1.1257 07.35 0x .750/ .6757 91.95 0x .750/1.1257 91.90 0x .750/ .6757 95.94 0x .750/ .6757 95.94 0x .750/ .6757 99.45 0x .750/ .6757 99.45 0x .750/ .6757 99.45 0x .750/ .1257 105.65 0x .686/1.1257 105.65 0x .686/1.1257 105.94 0x .875/1.1257 110.94 0x .875/1.1257 131.94 0x .875/1.1257 131.94 0x .875/1.1257 131.94	3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				25.69 25.81 26.75 27.00	22.13 21.88 24.88 25.13 24.88		113.		15.83 15.66 19.32 19.58 19.50
3x .684 .6757 87.75 3x .7507 .6757 90.95 3x .7507 .6757 93.94 3x .7507 .6757 95.64 2x .7507 .6757 99.45 3x .7507 .6757 99.45 3x .7507 .6757 99.45 3x .7507 .1257 102.65 4x .68871.1257 102.65 2x .7507 .1257 102.65 3x .7507 .1257 100.94 3x .7507 .1257 110.94 3x .7507 .1257 110.94 3x .8757 .1257 127.09 3x .8757 .1257 137.75	3130.4				25.81 26.75 27.00	24.88 25.13 24.88	.750	13.00		15.66 19.32 19.50 19.32
0x .750/ .0757 90.95 0x .750/1.1257 91.80 0x .750/ .0757 95.64 0x .750/ .0757 95.64 0x .750/ .0757 99.45 0x .750/ .1257 99.45 0x .750/ .1257 102.65 0x .750/ .1257 102.65 0x .075/ .1257 110.94 0x .075/ .1257 110.94 0x .075/ .1257 110.94 0x .075/ .1257 1127.09 0x .075/ .1257 1127.09 0x .075/ .1257 1127.09	313.0				26.75	24.88 24.88	.750			19.32 19.50 19.32
1X .750/1.1257 91.80 3X .750/ .6757 95.64 2X .750/ .6757 96.69 3X .750/ .6757 99.69 3X .750/ .6757 99.69 5X .686/1.1257 102.65 5X .686/1.1257 106.45 5X .750/1.1257 106.45 3X .750/1.1257 110.94 3X .750/1.1257 110.94 3X .875/1.1257 126.24 3X .875/1.1257 131.75	316.3 331.6 350.4				27.63	25.13	25.0	8.00		19.50
1x .750/ .6757 93.94 2x .750/ .6757 95.64 2x .750/ .6757 99.45 1x .750/ .6757 99.45 5x .688/1.1257 102.65 5x .688/1.1257 106.45 5x .750/1.1257 106.45 2x .750/1.1257 110.94 9x .875/1.1257 126.24 9x .875/1.1257 126.05 1x .875/1.1257 131.75	340.4				27.63	24.88	. 120			19.32
3x .750/1.1257 95.64 2x .750/ .6757 96.90 3x .750/ .6757 99.45 5x .608/1.1257 102.65 5x .608/1.1257 106.45 5x .750/1.1257 106.45 3x .750/1.1257 110.94 3x .875/1.5007 126.24 3x .875/1.1257 130.05 3x .875/1.1257 130.05	340.4						.750	77.00		19.50
2X .750/ .675T 96.90  3X .750/ .675T 99.45  3X .686/1.125T 102.65  5X .686/1.125T 106.45  5X .750/1.125T 106.45  2X .750/1.125T 110.94  9X .875/1.125T 126.29  9X .875/1.125T 137.09  1X .875/1.125T 137.09	350.8				28.13	25.13	.750	9.00		
750/1.125T 99.45 .606/1.125T 102.65 .606/1.125T 106.45 .750/1.125T 106.45 .750/1.125T 100.94 .875/1.375T 127.09 .875/1.125T 130.05 .875/1.25T 137.75					28.50	24.88	.750	12.00	_	19.32
. 7507 . 675T 99.69 . 688/1.125T 102.65 . 750/1.125T 106.45 . 750/1.125T 110.94 . 875/1.570T 126.24 . 875/1.375T 127.09 . 875/1.125T 130.05 . 875/1.375T 131.34	364.6				58.52	25.13	.750	10.00		19.50
.688/1.1257 102.65 .688/1.1257 106.45 .750/1.1257 110.94 .875/1.507 126.24 .875/1.3757 127.09 .875/1.1257 130.05 .875/1.3757 131.34	370.0				29.38	24.88	.750	13.00		19.32
. 750/1.1257 106.45 . 750/1.1257 110.94 . 975/1.5007 126.24 . 875/1.3757 127.09 . 875/1.1257 130.05 . 875/1.3757 131.34	389.7				30.19	22.13	.688	14.00		15.83
.750/1.1257 107.10 .750/1.1257 110.94 .075/1.5707 126.24 .075/1.3757 127.09 .875/1.1257 130.05 .075/1.5707 131.34	411.0				31.31	22.13	.688	15.00		15.83
.750/1.1257 110.94 .875/1.5007 126.24 .075/1.3757 127.09 .875/1.1257 130.05 .875/1.5007 131.34	412.8				31.50	25.13	.750	12.00		19.50
.075/1.5007 126.24 .075/1.3757 127.09 .875/1.1257 130.05 .875/1.5007 131.34	437.1				32.63	25.13	.750	13.00		19.50
. 675/1.3751 127.09 . 675/1.1251 130.05 . 675/1.5001 131.34 . 675/1.3751 131.75	488.7				37.13	28.50	.875	9-00		25.70
.675/1.1257 130.05 .675/1.5007 131.34 .675/1.3757 131.75	496.1				37.38	28.38	.875	10-00		25.60
.875/1.500T 131.34 .875/1.375T 131.75	520.1				30.25	28.13	.875	13.00		25.38
.875/1.3757 131.75	523.7				38.63	28.50	.875	10-00		25.70
	528.4				38.75	28.38	.875	11.00		25.60
. 675/11/25/ 155.69	u				39.38	28.13	.875	14.00		25.38
.875/1.125T 137.70	·				40.50	28.13	.875	15.00		25.38
146.64	•	6.			43.13	28.50	.875	13.00		25.70
148.75	586.2				43.75	31.38	1.000	10.00		32.26
153.00 7	•				45.00	31.50	1.000	10-00	1.500	32.38
**	621.5	11249.2 12			45.13	31.38	1.000	11.00	1.375	32.26
161.50	612.9	.3		17.8	47.50	31.75	1.000	10.00	1.750	32.63

0.8750 - 7/8 in.

R YP YF AREA DEPTH THICK MIDTH THICK AREA See 5.6 5.6 5.7 5.19 5.125 2.00 5.08 5.5 5.6 5.7 5.10 5.125 2.00 5.18 5.25 5.18 5.25 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.18 5.28 5.28 5.28 5.28 5.28 5.28 5.28 5.2	A         C         A         A         C         A         A         C         A         A         A         C         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A	SECTION HODIE US
6         3.6         .75         3.19         .125         2.00         .188           .6         3.6         .75         3.19         .125         2.00         .188           .6         3.6         1.31         3.25         .188         2.00         .251           .7         5.6         1.34         4.31         .188         2.00         .313         1.00           .7         5.6         1.36         4.31         .188         2.00         .313         1.00           .7         5.6         1.56         5.31         .188         2.00         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251         .251	6         3.6         .75         3.19         .125         2.00         .180           .6         3.6         .86         .619         .125         2.00         .180           .6         3.7         1.10         3.25         .180         2.00         .250           .6         3.7         1.10         3.25         .180         2.00         .251           .7         5.6         1.56         5.31         .180         2.00         .251           .7         5.6         1.75         6.31         .180         2.00         .251           .7         5.6         1.76         5.31         .180         2.00         .251           .7         5.6         1.75         6.31         .180         2.00         .233         1.00           .7         5.6         1.05         5.31         .180         4.00         .313         1.00           .7         5.6         2.00         6.31         .180         4.00         .313         1.00           .7         5.6         2.00         6.31         .180         4.00         .313         1.00           .8         5.2         2.00         5.31<	SIZE MI/FT ZPL
6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         3.2         .10         .6         3.6         .10         .6         3.6         .10         .6         .10         .6         .10         .6         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10         .2         .10	6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         4.6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .6         .7         .6         .6         .7         .6         .6         .7	57 -188T 2.55 15.9 2.5
6 3.7 1.06 3.25 1186 2.00 2.13 6 3.7 1.19 3.31 1186 2.00 2.13 7 5.6 1.64 5.25 1186 2.00 2.13 8 6.5 1.86 6.25 1186 2.00 2.13 8 6.5 1.86 6.25 1186 2.00 2.13 8 6.6 2.10 6.31 1186 2.00 2.13 9 7.6 2.28 6.31 1186 7.00 2.13 1.0 7.4 2.28 6.31 1186 7.00 2.13 1.0 7.4 2.28 6.31 1186 7.00 2.13 1.0 8.3 3.13 8.3 6.36 2.50 7.00 2.13 1.1 8.3 3.13 8.3 6.3 8.25 7.0 8.0 0.3 13 1.1 8.3 3.13 8.3 6.3 8.25 7.0 8.0 0.3 13 1.1 8.3 3.0 6.3 8.3 6.3 8.25 7.0 8.0 0.3 13 1.1 8.3 3.3 8.4 2.2 8.4 2.2 8.0 0.3 13 1.1 8.3 3.0 8.4 2.2 8.0 0.3 13 1.1 8.3 3.0 8.4 2.2 8.0 0.3 13 1.1 8.3 8.1 8.4 2.3 8.0 0.3 13 1.1 8.3 8.1 8.1 8.4 2.3 8.0 0.3 13 1.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	6         3.7         1.06         3.25         .186         2.00         .258           6         3.7         1.19         3.31         .186         2.00         .258           7         4.5         1.44         5.25         .186         2.00         .258           7         5.6         1.44         5.25         .186         2.00         .258           8         6.5         1.24         5.25         .186         2.00         .258           9         6.6         1.26         5.31         .186         2.00         .258           9         6.6         2.00         6.31         .186         2.00         .251           9         6.6         2.00         6.31         .186         2.00         .251           9         6.6         2.00         6.31         .186         .280         .280         .280         .280           9         6.6         2.00         6.31         .186         6.31         .186         .280         .280         .280         .280         .280         .280         .280         .280         .280         .280         .280         .280         .280         .280	1867 2.99 23.4 3.0 14
6         3.7         1.19         3.31         .186         2.01         .313           7         5.6         1.34         5.25         .186         2.01         .251           .7         5.6         1.46         5.23         .186         2.01         .251           .7         5.6         1.56         5.31         .186         2.01         .251           .8         6.6         1.75         6.31         .186         2.01         .251           .9         6.6         2.19         5.31         .186         4.01         .251           .9         6.5         2.19         5.31         .186         4.01         .313           .9         6.5         2.19         5.31         .186         4.01         .313           .9         6.5         2.04         6.31         .186         4.01         .313           .9         6.5         2.04         6.31         .256         3.01         .313           .1         1.0         6.3         2.0         6.31         .256         3.01         .438           .1         1.0         6.3         2.0         6.0         3.0         .438	6         3.7         1.19         3.31         .100         2.00         .313           7         5.6         1.34         5.25         .106         2.00         .251           .7         5.6         1.34         5.25         .106         2.00         .251           .7         5.6         1.56         5.31         .106         2.00         .251           .8         6.6         1.75         6.31         .106         2.00         .251           .9         6.6         2.06         6.31         .106         2.00         .251           .9         6.6         2.19         5.31         .106         4.00         .213           .9         6.6         2.19         6.31         .106         4.00         .313           .9         6.6         2.06         6.31         .106         4.00         .313           .9         7.4         2.56         5.44         .250         3.00         .438           .9         7.4         2.69         7.31         .250         3.00         .438           .9         7.4         2.60         7.31         .250         3.00         .438 <t< td=""><td>37 -2507 3.60 19.2 3.1 1</td></t<>	37 -2507 3.60 19.2 3.1 1
6         3.6         1.31         3.25         1.86         2.80         2.56           7         4.7         1.36         4.51         1.186         2.80         3.13           7         5.6         1.56         5.31         1.186         2.80         3.13           8         6.6         1.75         6.31         1.186         2.80         3.13           8         6.6         2.19         5.31         1.186         4.80         3.13           9         6.6         2.19         5.31         1.186         4.80         3.13           9         6.6         2.20         6.31         1.186         4.80         3.13           10         6.5         2.80         6.31         1.186         4.80         3.13           11         1.0         2.20         7.31         2.50         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13         3.13 </td <td>6         3.6         1.31         3.25         -180         2.60         -213           7         6.7         1.46         5.25         -180         2.60         -313           7         6.6         1.75         6.31         -180         2.01         -313           8         6.6         1.75         6.31         -180         2.01         -313           9         6.6         1.75         6.31         -180         4.01         -313           9         6.6         2.76         2.86         6.31         -180         4.01         -313           10         6.7         2.00         6.31         -180         4.01         -313           10         6.7         2.00         6.31         -180         4.01         -313           10         6.7         2.7         6.31         -180         4.01         -313           11         7.4         2.6         7.31         -250         3.00         -313           11.0         7.4         2.5         3.01         4.00         -313           11.0         7.3         3.05         6.4         -250         3.00         -430</td> <td>.313T 4.05 21</td>	6         3.6         1.31         3.25         -180         2.60         -213           7         6.7         1.46         5.25         -180         2.60         -313           7         6.6         1.75         6.31         -180         2.01         -313           8         6.6         1.75         6.31         -180         2.01         -313           9         6.6         1.75         6.31         -180         4.01         -313           9         6.6         2.76         2.86         6.31         -180         4.01         -313           10         6.7         2.00         6.31         -180         4.01         -313           10         6.7         2.00         6.31         -180         4.01         -313           10         6.7         2.7         6.31         -180         4.01         -313           11         7.4         2.6         7.31         -250         3.00         -313           11.0         7.4         2.5         3.01         4.00         -313           11.0         7.3         3.05         6.4         -250         3.00         -430	.313T 4.05 21
7	7         %.7         1.36         4.31         -186         2.00         -313           7         5.6         1.56         5.25         -186         2.00         -250           8         6.6         1.56         5.25         -186         2.00         -313           9         6.5         1.08         6.25         -186         2.00         -313           9         6.5         1.08         6.31         -186         4.00         -313           9         6.5         2.06         6.31         -186         4.00         -313           9         6.4         2.36         6.31         -186         4.00         -313           10         7.4         2.66         7.31         -250         3.00         -313           11         7.4         2.66         7.31         -250         3.00         -313           11         7.4         2.66         7.31         -250         3.00         -313           11         7.4         2.66         7.31         -250         3.00         -313           11         7.4         2.66         7.31         -250         3.00         -313	.250T 4.45 23.4 4.0
7 5.6 1.44 5.25 .188 2.00 .258  8 6.5 1.56 6.31 .188 2.01 .313  8 6.5 1.88 6.25 .188 2.01 .313  8 6.5 2.19 6.31 .188 2.01 .313  8 6.5 2.19 6.31 .188 4.01 .313  8 6.5 2.19 6.31 .188 4.01 .313  8 7.4 2.59 7.4 2.59 3.01 .313  1.0 7.4 2.69 7.4 2.59 3.01 .313  1.1 8.3 3.13 8.4 2.51 3.01 .313  1.1 8.3 3.3 3.3 8.4 2.51 3.01 .313  1.2 8.2 3.2 3.2 8.4 2.5 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8.8 2.8 8	1.0	.313T 4.69
7         5.6         1.56         5.31         .100         2.00         .313           9         6.6         1.75         6.31         .100         2.00         .313           9         6.6         2.00         4.31         .100         4.00         .313           9         6.6         2.00         4.31         .100         4.00         .313           9         6.6         2.00         4.31         .100         4.00         .313           9         6.6         2.19         5.31         .100         4.00         .313           10         7.4         2.60         7.31         .250         3.00         .313           10         7.4         2.50         7.31         .250         3.00         .430           11         1.0         7.3         2.50         3.00         .430         .433           11         1.0         7.3         2.50         3.00         .433           11         1.0         7.3         2.50         3.00         .433           11         1.0         7.3         2.50         3.00         .433           11         1.0         7.3         <	1.0         7         5.6         1.55         5.31         -188         2.87         -313           1.0         7         5.6         1.75         6.31         -188         2.87         -313           1.0         7         6.6         1.0         6.31         -188         2.0         -313           1.0         7         6.6         2.10         6.31         -188         3.0         -313           1.0         7         6.7         2.10         6.31         -188         3.0         -313           1.0         7         6.7         2.20         6.31         -188         4.0         -313           1.0         7.4         2.69         7.31         -250         3.0         -313           1.0         1.0         7.4         2.69         7.31         -250         3.0         -438           1.0         1.0         7.4         2.69         7.31         -250         3.0         -438           1.0         1.0         7.4         2.69         7.31         -250         3.0         -438           1.0         1.0         7.4         2.69         7.31         2.50         3.0	4.90 40.8 5.0
2         6.6         1.75         6.31         .106         2.01         .313           3         6.5         1.08         6.25         .166         7.01         .313           6         6.5         1.08         6.25         .166         7.01         .213           9         6.5         2.19         5.31         .186         4.01         .313           9         6.5         2.26         6.31         .186         4.01         .313           1         9         6.4         2.36         6.31         .186         4.01         .313           1         0         7.4         2.66         7.34         .251         3.01         .433           1         0         7.4         2.69         7.34         .251         3.01         .433           1         0         7.4         2.69         7.34         .251         3.01         .433           1         0         7.4         2.04         7.34         .251         3.01         .434           1         0         7.4         2.04         7.34         .251         3.01         .434           1         0         0	1.2         0         6.6         1.75         6.31         -186         5.01         -313           1.0         7         6.5         1.08         6.25         -186         5.01         -251           1.0         7         6.5         2.06         6.31         -186         5.01         -251           1.2         .0         6.5         2.19         6.31         -186         5.01         -313           1.2         .0         6.5         2.19         6.31         -186         4.01         -313           1.5         .0         6.6         2.19         7.31         -251         3.00         -313           1.6         .0         7.4         2.06         7.31         -251         3.00         -313           1.5         .0         6.5         2.01         6.4         -251         3.00         -313           1.0         1.0         7.4         2.06         7.4         2.50         3.00         -313           1.0         1.0         7.4         2.06         7.4         2.50         3.00         -313           1.0         1.0         7.4         2.06         7.4         2.50	7 .3137 5.30 45.0 5.6
3         6         5         1.00         6.25         -100         3.00         -250           3         6         5         1.00         6.31         -100         4.00         -313           3         6         6         5         1.00         6.31         -100         4.00         -313           4         6         6         3         1.00         4.00         -313           5         6         6         7.4         -250         3.00         -430           6         7         2.69         7.31         -250         3.00         -430           1         7         2.69         7.31         -250         3.00         -430           1         7         2.90         7.4         -250         3.00         -430           1         1         7.3         2.90         7.4         -250         3.00         -313           1         1         1         7.4         2.50         3.00         -313         1.30         -3.00         -313           1         1         1         2.3         3.3         2.64         -250         3.00         -313 <td< td=""><td>1.3         .6         6.5         1.08         6.25         -188         3.00         -250           1.0         .7         6.6         2.010         6.31         -188         4.00         -313           1.2         .8         5.5         2.19         5.31         -188         4.00         -313           1.5         .9         6.4         2.36         6.31         -188         4.00         -313           1.6         .9         6.4         2.36         5.44         -250         3.00         -313           1.6         .9         7.4         2.06         6.44         -250         3.00         -313           1.6         .9         1.0         7.4         2.06         6.44         -250         3.00         -438           1.7         1.0         7.4         2.06         7.34         -250         3.00         -438           1.0         1.0         7.4         2.06         7.44         2.00         -313           1.0         1.0         7.4         3.06         7.44         -250         3.00         -438           1.0         1.0         7.4         3.06         7.44         -25</td><td>7 .313T 5.95 6</td></td<>	1.3         .6         6.5         1.08         6.25         -188         3.00         -250           1.0         .7         6.6         2.010         6.31         -188         4.00         -313           1.2         .8         5.5         2.19         5.31         -188         4.00         -313           1.5         .9         6.4         2.36         6.31         -188         4.00         -313           1.6         .9         6.4         2.36         5.44         -250         3.00         -313           1.6         .9         7.4         2.06         6.44         -250         3.00         -313           1.6         .9         1.0         7.4         2.06         6.44         -250         3.00         -438           1.7         1.0         7.4         2.06         7.34         -250         3.00         -438           1.0         1.0         7.4         2.06         7.44         2.00         -313           1.0         1.0         7.4         3.06         7.44         -250         3.00         -438           1.0         1.0         7.4         3.06         7.44         -25	7 .313T 5.95 6
7         6.6         2.00         4.31         .100         4.00         .313           8         6.5         2.00         6.31         .100         4.00         .313           9         6.6         2.30         6.31         .100         4.00         .313           9         7.6         2.50         6.31         .100         4.00         .313           1.0         7.6         2.69         7.31         .250         3.00         .313           1.0         7.4         2.00         7.31         .250         3.00         .313           1.0         7.4         2.00         7.31         .250         3.00         .313           1.0         7.4         2.00         7.34         .250         3.00         .313           1.1         7.4         2.00         7.4         .250         3.00         .313           1.1         7.4         2.00         7.4         .250         3.00         .313           1.1         7.4         2.00         7.4         .250         3.00         .313           1.1         7.2         3.05         6.4         .250         3.00         .313	1.0	37 .250T 6.39 64.4 7.8 5
6         6.5         2.86         6.31         .188         4.0         0.313           6         6.5         2.19         5.31         .188         4.0         0.313           6         7.6         2.56         5.6         7.31         .250         3.00         .313           7         6.5         2.60         7.31         .250         3.00         .438           7         6.5         2.61         6.64         .250         3.00         .438           7         7.6         2.80         7.31         .250         3.00         .438           1.0         7.3         2.94         8.31         .250         3.00         .438           1.0         7.3         3.1         2.250         3.00         .438           1.1         7.3         3.1         2.250         3.00         .438           1.1         8.3         3.1         2.250         3.00         .438           1.1         8.2         3.3         6.4         2.250         3.00         .438           1.1         8.3         3.3         8.4         2.250         3.00         .438           1.1         8.3	1.5	.313T 6.80 45.2 7.3 3
6         5.5         2.19         5.31         .100         4.00         .313           6         6.5         2.36         6.31         .100         4.00         .313           6         7.6         2.56         5.4         .250         3.00         .430           7.6         2.69         6.31         .250         3.00         .431           1.0         7.4         2.96         8.31         .250         3.00         .430           1.0         7.4         2.96         8.31         .250         3.00         .430           1.1         8.3         2.96         8.31         .250         3.00         .430           1.1         8.3         2.96         8.31         .250         3.00         .430           1.1         8.3         3.35         8.36         8.36         .250         3.00         .430           1.1         8.3         3.35         8.36         8.36         8.30         .250         4.30           1.1         8.3         3.35         8.36         8.36         8.30         8.30           1.2         8.3         3.36         8.36         8.30         8.30	1.5	37 .313T 7.00 70.6 6.9 5
9       6.4       2.36       6.31       .100       4.010       .313         9       7.4       2.56       7.34       .251       3.010       .430         1.0       7.4       2.69       7.34       .251       3.010       .433         1.0       7.4       2.69       7.34       .251       3.010       .433         1.0       7.3       3.00       7.34       .251       3.010       .433         1.1       0.3       3.13       0.44       .251       3.010       .433         1.1       0.3       3.13       0.44       .251       3.010       .433         1.1       0.3       3.25       0.34       .251       3.010       .433         1.1       0.3       3.35       0.34       .251       4.00       .375         1.1       0.3       3.35       0.34       .251       4.00       .375         1.1       0.3       3.35       0.44       .251       5.00       .375         1.1       0.3       3.35       0.44       .251       5.00       .438         1.2       0.3       0.3       0.44       .251       5.00       .438	1.5 .9 6.4 2.30 6.31 .100 4.00 .313 1.5 .9 6.5 2.56 5.44 .250 3.00 .438 1.7 1.0 7.4 2.00 7.31 .250 3.00 .438 1.7 1.0 7.4 2.00 7.31 .250 3.00 .438 1.0 1.0 7.4 2.00 7.31 .250 3.00 .438 1.0 1.0 7.3 3.00 7.31 .250 3.00 .313 1.0 1.0 0.3 3.13 0.44 .250 3.00 .438 1.0 1.1 0.2 3.25 0.31 .250 3.00 .438 1.7 1.0 0.3 3.30 0.44 .250 3.00 .438 1.7 1.0 0.3 3.3 0.44 .250 3.00 .438 1.7 1.0 0.3 3.3 0.44 .250 5.00 .438 1.7 1.0 0.3 3.3 0.44 .250 5.00 .438 1.7 1.2 0.2 3.5 0.44 .250 5.00 .438 1.7 1.8 0.1 0.1 0.3 0.48 .250 5.00 .438 1.8 1.2 0.1 0.1 0.3 0.48 .250 5.00 .438 1.8 1.9 1.2 0.1 0.1 0.3 0.1 0.48 .250 5.00 .438 1.9 1.0 0.1 0.1 0.3 0.1 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	.313T 7.45 6
6         5.6         2.56         5.44         255         3.00         -438           1.0         7.4         2.69         7.31         .250         3.00         -438           1.0         7.4         2.69         7.31         .250         3.00         -438           1.0         7.4         2.06         7.31         .250         3.00         -438           1.0         7.4         3.06         7.34         .250         3.00         -313           1.1         0.3         3.13         0.31         .250         3.00         -313           1.1         0.3         3.13         0.36         7.36         .250         3.00         -313           1.1         0.3         3.13         0.31         .250         3.00         -313           1.1         0.3         3.13         0.26         3.00         -313           1.1         0.4         3.3         0.4         .250         3.00         -313           1.2         0.2         3.0         0.4         0.2         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3         0.3	1.5	7 .313T 6.09 60.2 11.0
5         7.4         2.69         7.31         .250         3.00         .438           1.0         7.4         2.64         .250         3.00         .438           1.0         7.4         2.96         7.31         .250         3.00         .438           1.0         7.4         3.06         7.44         .250         3.00         .313           1.0         7.4         3.06         7.44         .250         3.00         .313           1.1         8.3         3.13         8.30         6.46         .250         3.00         .313           1.1         8.3         3.25         8.31         .250         3.00         .313           1.1         8.3         3.25         8.31         .250         3.00         .313           1.1         7.2         3.50         8.31         .250         3.00         .313           1.1         7.2         3.50         8.46         .250         3.00         .313           1.1         7.2         3.50         8.46         .250         4.00         .375           1.1         8.3         3.6         8.46         .250         5.00         .436     <	1.6         .9         7.4         2.69         7.31         .250         3.00         .433           1.6         .9         6.5         2.81         6.46         .250         3.00         .433           1.0         1.0         7.3         2.94         6.31         .250         3.00         .433           1.0         1.0         7.3         3.0         7.34         .250         3.00         .313           1.0         1.0         7.3         3.0         7.34         .250         3.00         .313           1.0         1.0         7.4         3.0         7.44         .250         3.00         .313           2.0         1.1         8.2         3.25         8.31         .250         3.00         .438           2.0         1.1         8.2         3.25         8.31         .250         3.00         .313           2.0         1.1         8.2         3.35         8.31         .250         3.00         .313           2.0         1.1         8.2         3.35         8.34         .250         3.00         .313           2.0         1.1         1.2         3.35         4.30         .	.438T 8.70
1.0	1.0	.250/ .313T 9.15 92.7 1
1.0 7.4 2.86 7.36 .256 3.00 .313 1.0 6.3 2.94 8.31 .256 3.00 .313 1.0 7.4 3.06 7.34 .256 3.00 .313 1.0 7.4 3.06 7.34 .256 3.00 .313 1.1 8.2 3.05 7.44 .256 3.00 .313 1.0 6.3 3.35 8.36 6.38 .256 4.00 .313 1.0 6.3 3.36 8.36 .256 4.00 .375 1.1 6.3 3.36 8.36 .256 4.00 .375 1.2 8.1 3.8 6.36 6.44 .256 5.00 .375 1.2 8.1 3.8 8.36 8.36 .250 5.00 .375 1.2 8.1 3.8 8.4 .256 5.00 .375 1.2 8.1 3.8 8.4 .256 5.00 .375 1.2 8.1 3.8 8.4 .256 5.00 .375 1.3 8.1 4.3 8.44 .256 5.00 .438 1.3 8.1 4.3 8.44 .256 5.00 .438 1.3 8.1 4.3 8.44 .257 5.00 .438 1.4 8.9 8.6 8.1 9.38 .313 4.00 .438 1.5 9.9 4.65 9.44 .251 5.00 .438 1.5 9.9 4.8 10.44 .251 5.00 .438 1.5 9.9 4.8 10.44 .251 5.00 .438 1.5 9.9 4.8 10.44 .251 5.00 .438 1.6 9.9 5.11 10.44 .313 4.00 .588 1.6 9.9 5.11 10.44 .313 4.00 .588 1.7 9.8 5.11 10.44 .313 4.00 .588 1.7 9.8 5.11 10.44 .313 4.00 .588	1.0 7.4 2.00 7.30 .250 3.00 .313 1.0 7.4 2.00 7.31 .250 3.00 .313 1.0 7.4 3.00 7.31 .250 4.00 .313 1.1 8.3 3.13 8.30 .250 3.00 .438 1.1 8.2 3.25 8.31 .250 3.00 .438 1.2 8.2 3.5 8.30 8.30 .250 3.00 .438 1.2 8.2 3.5 8.3 7.3 8.3 8.2 8.0 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3	.250/ .438T 9.55
1.0 0.3 2.94 0.31 .250 3.00 .313 1.0 7.3 3.00 7.31 .250 4.00 .313 1.1 0.3 3.06 7.34 .250 3.00 .335 1.1 0.3 3.13 0.34 .250 3.00 .375 1.1 0.3 3.31 0.44 .250 3.00 .375 1.2 0.2 3.30 0.30 0.30 .250 3.00 .375 1.2 0.2 3.50 0.30 0.30 .250 5.00 .375 1.2 0.2 3.50 0.30 0.30 .250 5.00 .375 1.2 0.1 3.00 0.30 0.30 .250 5.00 .375 1.2 7.2 3.94 7.44 .250 5.00 .438 1.3 0.1 4.3 0.3 0.44 .250 5.00 .438 1.3 0.1 4.3 0.3 0.44 .250 5.00 .438 1.4 0.0 4.31 0.30 0.313 4.00 .438 1.5 0.0 4.55 0.44 .250 5.00 .438 1.5 0.0 4.56 0.44 .250 5.00 .438 1.5 0.0 4.56 0.44 .250 5.00 .438 1.5 0.0 4.56 0.44 .250 5.00 .438 1.5 0.0 4.50 0.48 .313 4.00 .375 1.5 0.0 4.63 10.34 .313 4.00 .438 1.5 0.0 4.81 0.50 3.33 4.00 .438 1.5 0.0 5.00 10.34 .313 4.00 .503 1.6 0.0 5.00 .375 1.6 0.0 5.00 10.34 .313 4.00 .503 1.7 0.0 5.00 .313 4.00 .503	1.0 0.3 2.94 0.31 .250 3.00 .313 1.0 7.3 3.00 7.34 .250 3.00 .313 1.1 0.2 3.25 0.31 .250 3.00 .375 1.1 0.2 3.25 0.31 .250 3.00 .375 1.1 0.2 3.35 0.36 0.36 .250 3.00 .375 1.2 0.2 3.50 0.30 .250 3.00 .375 1.2 0.2 3.50 0.30 .250 5.00 .375 1.2 0.2 3.50 0.30 .250 5.00 .375 1.2 0.2 3.50 0.30 0.30 .250 5.00 .375 1.2 0.2 3.50 0.30 0.30 0.375 1.2 0.2 3.50 0.30 0.30 0.375 1.2 0.3 3.00 0.30 0.30 0.30 0.30 1.2 0.0 0.0 0.30 0.30 0.30 0.30 0.30 1.2 0.0 0.0 0.30 0.30 0.30 0.30 0.30 1.2 0.0 0.0 0.30 0.30 0.313 0.30 0.375 1.5 0.0 0.0 0.0 0.30 0.313 0.30 0.375 1.5 0.0 0.0 0.0 0.30 0.313 0.30 0.375 1.5 0.0 0.0 0.0 0.0 0.30 0.30 0.30 0.30 0	.2507 .3757 9.79 99.1 13
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1.0 7.4 3.06 7.44 .250 3.00 .438 1.1 8.3 3.13 8.38 .256 3.00 .375 1.1 8.3 3.13 8.44 .250 3.00 .335 1.0 6.3 3.36 6.36 .250 4.00 .335 1.1 7.2 3.53 7.38 .250 5.00 .375 1.1 6.3 3.75 8.44 .250 5.00 .375 1.2 8.2 3.56 6.44 .250 5.00 .375 1.2 8.1 3.8 8.36 6.44 .250 5.00 .375 1.2 8.2 3.94 7.44 .250 5.00 .438 1.2 8.3 4.13 6.44 .250 5.00 .438 1.3 9.0 4.31 9.34 .250 5.00 .438 1.4 8.9 8.1 9.34 .250 6.00 .438 1.5 9.0 4.5 9.44 .250 6.00 .438 1.5 9.0 4.6 9.44 .250 6.00 .438 1.6 9.9 4.6 9.44 .250 6.00 .438 1.6 9.9 4.6 9.38 .313 4.00 .375 1.6 9.9 6.8 10.34 .313 4.00 .375 1.6 9.9 5.01 10.34 .313 4.00 .500 1.7 9.8 5.01 10.34 .313 4.00 .500 1.7 9.8 5.01 10.34 .313 4.00 .500	1.0 7.4 3.06 7.44 .250 3.00 .438 1.1 8.3 3.13 8.38 .250 3.00 .375 1.1 8.3 3.13 8.38 .250 3.00 .375 1.0 8.3 3.25 8.3 1 .250 4.00 .375 1.0 8.3 3.3 8.4 .250 3.00 .375 1.2 8.3 3.3 8.4 .250 5.00 .375 1.1 8.3 3.5 8.4 .250 5.00 .375 1.2 8.3 3.5 8.4 .250 5.00 .375 1.2 8.3 3.5 8.4 .250 5.00 .375 1.2 8.3 4.13 8.4 .250 5.00 .438 1.2 8.3 4.13 8.4 .250 5.00 .438 1.3 7.1 4.3 7.1 4.3 7.1 4.3 7.1 4.3 7.1 4.3 7.1 4.3 7.1 7.2 7.2 7.2 7.2 7.4 7.4 7.2 7.2 7.3 7.4 7.4 7.2 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	.250/ .313T 10.20 102.3 14.0
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1.1 8.2 3.25 8.31 .250 8.00 .933 1.1 8.3 3.31 6.44 .250 3.00 .430 1.2 8.2 3.50 8.36 .250 5.00 .436 1.1 7.2 3.50 8.36 .250 5.00 .375 1.1 6.3 3.69 6.44 .250 5.00 .375 1.2 8.2 3.75 8.44 .250 5.00 .438 1.2 8.1 3.94 7.44 .250 5.00 .438 1.2 8.3 4.19 8.44 .250 5.00 .438 1.3 9.0 4.31 9.36 .313 4.00 .375 1.4 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.44 .250 6.00 .438 1.5 9.9 4.56 9.38 .313 4.00 .375 1.6 9.9 5.00 10.36 .313 4.00 .508 1.6 9.9 5.00 .313 4.00 .508 1.7 9.8 5.31 10.44 .313 4.00 .508 1.7 9.8 5.31 10.44 .313 4.00 .508 1.7 9.8 5.31 10.44 .313 4.00 .508	1.1 6.2 3.25 6.31 .250 6.00 .313 1.1 6.3 3.25 6.31 .250 3.00 .430 1.2 6.2 3.30 6.30 .250 5.00 .430 1.1 7.2 3.53 7.30 .250 5.00 .375 1.1 6.3 3.59 6.44 .250 5.00 .375 1.2 6.3 3.59 6.44 .250 5.00 .430 1.2 7.2 3.94 7.44 .250 5.00 .430 1.3 9.0 4.31 9.30 .250 6.00 .430 1.3 9.0 4.56 9.44 .250 6.00 .430 1.5 9.9 4.63 10.30 .313 4.00 .375 1.6 9.9 4.63 10.30 .313 4.00 .430 1.6 9.0 5.01 10.30 .313 4.00 .530 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.6 9.0 5.01 10.30 .313 4.00 .550 1.7 9.0 5.01 10.30 .313 4.00 .550	10.64 120.0 15.4
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1.5 9.9 4.63 10.30 .313 4.00 .3375 1.4 0.0 4.63 0.44 .250 6.00 .436 1.5 9.0 4.01 9.50 .313 4.00 .375 1.5 9.0 4.06 10.44 .313 4.00 .430 1.6 9.0 5.01 10.30 .313 4.00 .430 1.6 9.0 5.13 10.50 .313 4.00 .500 1.7 9.8 5.13 10.44 .313 4.00 .500 1.7 9.8 5.31 10.44 .313 4.00 .500	1.5 9.9 4.63 10.30 .313 4.00 .375 1.4 6.0 4.63 0.44 .250 6.00 .436 1.5 9.0 4.89 9.50 .313 4.00 .375 1.5 9.9 4.80 10.44 .313 4.00 .438 1.6 9.0 5.00 10.36 .313 4.00 .375 1.5 9.0 5.01 10.36 .313 4.00 .553 1.5 9.0 5.05 9.56 .313 4.00 .563 1.7 9.8 5.31 10.44 .313 5.00 .438	.438T 15.50 163.8 25.3
1.4 6.0 4.63 6.44 .250 6.00 .436 1.4 6.9 4.69 9.30 .313 5.00 .375 1.5 9.9 4.81 10.44 .313 4.80 .588 1.6 9.9 5.00 18.30 .313 4.80 .375 1.5 9.0 5.00 18.30 .313 4.80 .375 1.5 9.0 5.06 9.56 .313 4.80 .563 1.7 9.8 5.31 10.44 .313 5.00 .508	1.4 6.0 4.63 6.44 .250 6.00 .436 1.4 6.9 4.69 9.38 .313 4.60 .375 1.5 9.9 4.81 19.44 .313 4.60 .500 1.6 9.8 5.00 10.44 .313 4.80 .375 1.5 9.0 5.06 9.56 .313 4.80 .553 1.6 9.9 5.13 10.50 .313 4.80 .563 1.7 9.8 5.31 10.44 .313 5.00 .438	.74 179.9
1.6 0.9 4.69 9.30 .313 5.00 .375 1.5 9.0 4.81 9.50 .313 4.00 .500 1.5 9.9 4.86 10.44 .313 4.00 .438 1.6 9.8 5.00 10.30 .313 4.00 .503 1.5 9.0 5.00 9.56 .313 4.00 .563 1.7 9.8 5.31 10.44 .313 5.00 .508	1.4 0.9 4.69 9.30 .313 5.00 .375 1.5 9.0 4.81 9.50 .313 4.00 .500 1.5 9.9 4.86 10.44 .313 4.00 .436 1.6 9.8 5.00 10.30 .313 4.00 .375 1.5 9.0 5.06 9.56 .313 4.00 .563 1.6 9.9 5.13 10.50 .313 4.00 .500 1.7 9.8 5.31 10.44 .313 5.00 .438	.438T 15.74 157.5 27.9
7 1.55 9.0 4.01 9.58 .313 4.60 .500 9 1.55 9.9 4.06 10.44 .313 4.00 .430 9 1.6 9.0 5.00 10.36 .313 5.00 .430 0 1.55 9.0 5.06 9.56 .313 4.00 .563 1 1.5 9.9 5.31 10.50 .313 4.00 .563 1 1.7 9.8 5.31 10.44 .313 5.00 .430	7 1.5 9.0 4.81 9.50 .313 4.00 .500 9 1.5 9.9 4.06 10.44 .313 4.00 .436 9 1.6 9.0 5.00 10.36 .313 5.00 .375 0 1.5 9.0 5.05 9.56 .313 4.00 .563 0 1.5 9.0 5.13 10.50 .313 4.00 .563 0 1.7 9.8 5.31 10.44 .313 5.00 .438	.375T 15.95 166.5 26.6
1.5 9.9 4.86 10.44 .313 4.80 .436 9 1.6 9.8 5.00 10.36 .313 5.00 .375 8 1.5 9.0 5.06 9.56 .313 4.80 .563 0 1.6 9.9 5.13 10.50 .313 4.80 .500 1.7 9.8 5.31 10.44 .313 5.00 .438	9 1.5 9.9 4.88 10.44 .313 4.80 .438 9 1.6 9.8 5.00 10.38 .313 5.00 .375 8 1.5 9.0 5.06 9.56 .313 4.80 .563 0 1.6 9.9 5.13 10.50 .313 4.80 .508 0 1.7 9.8 5.31 10.44 .313 5.00 .438	.500T 16.35 170.4 27.6
9 1.6 9.0 5.00 10.36 .313 5.00 .375 0 1.5 9.0 5.06 9.56 .313 4.00 .563 0 1.6 9.9 5.13 10.50 .313 4.00 .500 1.7 9.8 5.31 10.44 .313 5.00 .438	2 2.0 1.6 9.8 5.00 10.36 .313 5.00 .375 2 2.0 1.5 9.0 5.06 9.96 .313 4.00 .563 9 3.0 1.6 9.9 5.13 10.50 .313 4.00 .500 6 3.0 1.7 9.8 5.31 10.44 .313 5.00 .438	.438T 16.59 187.5 29.8 287
0 1.5 9.0 5.06 9.56 .313 4.00 .563 3 0 1.6 9.9 5.13 10.50 .313 4.00 .500 3 0 1.7 9.8 5.31 10.44 .313 5.00 .436 3	2 2.6 1.5 9.0 5.06 9.56 .313 4.00 .563 3 9 3.0 1.6 9.9 5.13 10.50 .313 4.00 .500 3 6 3.0 1.7 9.8 5.31 10.44 .313 5.00 .438 3	37 3751 17.00 190.5 30.4 298
0 1.6 9.9 5.13 10.50 .313 4.00 .500 3	9 3.0 1.6 9.9 5.13 10.50 .313 4.00 .500 3 6 3.0 1.7 9.8 5.31 10.44 .313 5.00 .438 3	37 .5637 17.20 176.7 29.9 270
7 9.8 5.31 10.44 .313 5.00 .	6 3.0 1.7 9.8 5.31 10.44 .313 5.00 .	37 .5007 17.44 194.6 31.5 311
		17 18.05 198.5 31.5 37.5

1.0000 - 1 in.

SHEAR	AREA	3.62	3.27	3.60		3.58	3.29	3.62	2.68	3.60	3.29	5.05	000	2 63	2000		2.07	2.05	5.10	3.24	3.62	5.12	5.07	3.31				2.07		2.05	3.61	2.10		?	21.5		6.83	5.12	5.10	6.8	9.9	*	6.83	6.9	5.12	5.07	
3	THICK	.563	.438	.500	.500	.438	.500	.563	.563	.500	.500	1469	-	200		-206	.531	694.	.594	•625	.563	.656	.531	.563	694.	*65*	.563	.531	•656	694.	.688	.594	155.				465	.656	165.	.531	.656	.875	.594		9	1.00	
3	HIOTH	**	6.00	5.00	7-00	6-00	6-00	5.10	7.00	6-00	7.00	-	7		-		4-00	2.00	4-00	7.00	7-00		5-00	8-80	6-00	5-00	8-00	6-00	2.00	7-00	7.00	9			200		200	7-00	8-00	6-00	5.11	7.00	6.00	5.00	9-9	6.00	
WEB	THICK	.313	.313	.313	.313	.313	.313	.313	.313	.313	.313	375	212	2120	.515	. 313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375	.438	-375	.375	000	175	424	638	375	.375	.438	.438	.500	.438	.438	.375	.563	
	DEPTH	10.56	9.44	10.50	7.50	10.44	9.50	10.56	7.56		9.58			00.00	•	10.50	12.53	12.47	12.59	7.63	10.56	12.66	12.53	9.56	12.47	12.59	10.56	2	15.66	15.47	7.69	12.59	12.93	23.65	99-21	14.67	16.50	12.66		14.53	14.66	7.88		14.72	12.66		
	AREA	5.38	5.44	5.63	69.5	5.75	5.81	5.94	6.13	6.13	6.31	6.38	9	***	0.00	6.63	6.63	6.84	6.88	7.00	7.06	7.13	7.16	7.31	7.31	7.47	7.63	7.69	7.78	1.78		8.06	22.0	10.0			0.00	60.6	9.25	9.31	9.41	9.63	69.6	9.72	9.75	9.94	
,	4	6.6	8.8	9.6	7.0	9.7	8.8	9.7	7.0	9.6	8.7	11.5				9.5		11.4	11.5	6.9	9.5	11.5	11.3	8.5	11.2	11.3	9.3	11.2	11.3	11.1	6.9	11:1	11.0				12.8	10.9	10.8	12.7	12.8	6.9	12.6	12.7	10.7	6.9	
;	4	1.7	1.6	1.7	1.5	1.0	1.7	1.0	1.6	1.9	1.8	2.0		•	200	2.0	2.0	2.1	2.1	1.7	2.1	2.2	2.2	2.1	2.2	2.3				2.4	1.8	5.5	6.5		2	2.0	2.8	2.8	2.8	2.9	2.9	2.1	3.0	3.0	2.9	2.1	
	~	3.1	2.9	3.2	5.5	3.2	3.0	3.3	2.6	3.3	3.1	3.6		7 2		3.5	3.7	3.8	3.8	2.7	3.6	3.9	3.9	3.4	4:0	.;	3.8	<b>;</b>	4.2		2.8	2.4	? .	5.				4.5	4.6		6.4	3.0	5.0	5.0	4.7	3.0	
	INERTIA	336.3	295.9	357.5	220.8	367.0	324.5	387.2	242.0	402.3	360.2	673.1	212	2 3 2 7	0.00	445.5	206.4	532.2	539.9	268.2		572.2	572.8	431.8	589.4	611.9	532.1	636.7	652.1	645.3	294.4	682.5	699.4	220.0	751.3	230.8	890.1	804-1	817.6	922.4	942.3	360.6	981.6	992.2	876.4	364.8	
MODULUS	ZFL	34.0	33.5	36.6	31.6	37.9	36.9	39.6	34.7	41.8	61.5				****	40.0	***	46.8	47.1	38.7	51.2	49.9	50.6	50.8	55.5	24.5	57.1	57.0	57.9	28.5	45.9	61.4	65.0		6.00	45.6	4.64	73.7	75.7	72.8	73.9	53.1	77.9	78.0	81.7	52.9	
SECTION	742	201.1	182.9	205.8	146.6	207.7	189.9	212.5	152.1	215.2	197.3	241.3	177	200	6.122	223.1	2.842	252.9	254.7	157.1	229.8	260.6	2.092	210.0	262.7	266.7	236.7	2.072	273.0	271.1	161.7	276.9	0.017	105.9	286	311.4	318.2	291.8	292.7	321.8	324.7	173.2	328.8	330.6	299.0	173.9	
	HT/FT	18.29	18.50	19.14	19.35	19.55	19.75	20.20	20.84	20.84	21.45	21.69	21.00	22.00	01.22	46 -22	\$5.22	23.26	23.39	23.80	24.00	24.24	24.34	24.85	24.85	25.40	55.94	26.15	54.92	26.45	26.79	27.40	26.33	20.02	14.00	20.85	30.91	30.91	:	-		N	32.95	-	1	1	
]	1ZE	.563T	.438T	.500T	. 500T	.438T	.500T	.563T	. 563T	-500T	.500T	1694	26.27	16.22	.2021	1005.	.531T	1694·	. 594T	.6251	. 563T	.656T	.531T	. 563T	1694.	1465.	.563T	.531T	.656T	1694	.688T	- 594T	.5311	1001	5067	5 X + T	1965	.656T	. 594T	-531T	1959.	1878.	1465.	1917.	.656T	0	
	OMINAL SI	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	375/	/2 12		2010	. 313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	1928.	.375/	.313/	.375/	.375/	.375/	1984	.375/	.36.26	1004		7824	438/	.375/		.438/	.438/				.375/	.563/1	
	z				7X 7X						4x 7x							12X 5X		4.									2X			12x 6x						X X	2X 8X				1				

MODULUS  2FL INFRIA R YP YF AREA DEPTH THICK MID 165.2 1970.6 5.2 2.2 12.6 10.06 14.65 .438 6.0 10.0 10.0 14.65 .438 6.0 10.0 11.0 11.0 11.0 11.0 11.0 11.0										****	*** BEAM	0		******
March   Marc			-	EC	I							ME8	3	NGE
X. 4.38 / .6667         34.20         35.5         93.0         107.1.6         5.1         21.2.6         10.45         4.43         6.00           X. 4.38 / .6667         35.9         34.6.6         94.6         95.2         12.5         10.6         11.4.1         12.6         4.35         6.00           X. 4.38 / .6667         36.6         34.6         95.3         31.2         12.6         11.4         14.66         4.35         6.00           X. 4.38 / .6667         36.6         34.6         35.3         32.2         11.66         4.35         6.00           X. 4.38 / .6667         36.6         36.6         36.3         32.2         11.66         4.35         6.00           X. 4.38 / .6667         36.6         36.6         36.3         32.2         10.00         14.69         6.00           X. 4.38 / .6667         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6         36.6	H	-	HT/FT	ZPL	ZFL	NERTI	œ	4	YF	RE	DEPTH	H	H	THICK
X			34.20	335.5	83.0	;	5.1	3.1	12.6		14.66	43	0	.656
X			34.95	338.1	2.99		2.5	3.2	12.4	2	14.59	43	0	. 594
4.38, .6567 36.49 344.7 92.1 1137.6 5.3 3.3 12.4 11.7 14.66 330 7.0 14.39, .6567 36.49 344.7 92.1 1137.6 5.3 3.4 14.2 11.7 14.66 330 7.0 14.39, .6567 36.49 34.7 92.1 1137.6 5.3 3.4 14.2 11.2 11.6 14.5 9 330 7.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0			35.39	305.2	9.69		•	3.1	10.0		12.66	3	9 6	.656
\$507.0001 37.20 376.0 94.5 1157.5 5.3 3.3 12.2 10.0 14.59 .335 9.0 550 550 550 550 550 550 550 550 550 5		• '	36.45	344		3.2	2.4	3.5			14.66	2 7		456
\$567,10001 37 20 170 5 59 9 10 1250 6 5 5 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10		• •	36.99	346.0	94.5	57.	5.3	3.5			14.59	M		165
5947         377.30         378.2         88.0         1259.6         55         34.16.2         11.16.5         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0         56.0	•	-	37.20	179.5	6866		3.1	2.3		6.0	8.00	.563	0	1.000
\$\begin{align*} \text{5.65} & \text{7.97} & \text{7.99} &	•		37.30	370.2	88.0	250.	5.5	3.4		6.0		.500	2.00	.594
5007         5567         38.35         376.7         92.6         1312.2         5.5         14.2         11.20         16.66         4.30         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00         5.00	•	•	37.94	350.8	98.1	204.	5.4	3.4	_	11.16		.438	7.00	.719
\$\text{501}\$ \text{505}\$ \text{506}\$ \text		•	38.35	376.7	95.6	312.	9.6	3.5		11.28		.500	5-00	• 656
\$500, \$941 39.30 334.3 324.3 34.5 \$7 3.6 14.0 11.56 16.72 \$50 500 6.00 4.33, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$713, \$	•	•	38.69	352.5	101.2	1231.1	5.5	3.5		11.38		.438	8.00	•656
*500*** 1997 39,41 39.42 97.3 1374,8 5.7 3.6 14.1 11.59 16.72 .500 5.00 4.30 *1917 39.45 310.2 99.7 110.4.4 5.6 3.6 12.1 11.08 14.72 .500 6.00 4.30 *1917 40.39 350.6 100.0 130.7 110.8 11.08 14.72 .4.30 6.00 6.00 5.00 *200 *200 *200 *200 *200 *200 *200 *		•	39.30	361.3	97.3	1363.7	2.1	3.6	-	11.56		.500	•	29
**438/**197**39,85**310,2**98,7***1027,4**50**50**50**11.08**14.72**2438**9,800**500**500**500**500**500**500**500*		•	39.41	382.9	97.3		2.1	3.6	_	11.59		.500	0	.719
500         556         130         4         56         3.6         12.1         11.9         16.6         5.9         3.0         12.1         11.9         16.6         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0         5.0<	•		39.85	310.2	98.7		5.0	3.3		11.72		.438	0	.719
\$500         \$566         \$40.66         \$561         \$40.66         \$500         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501         \$501	•		40.39	358.6	108.0		9.6	3.6	_	11.88	•	.438	0	.719
\$500 / \$941         \$41.34         \$100 / \$941         \$41.34         \$100 / \$941         \$41.34         \$100 / \$941         \$41.34         \$41.34         \$41.34         \$41.34         \$41.34         \$41.34         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31         \$41.31	•		40.60	308.2	103.0		5.9	3.7	-	11.94	16.66	.500	9-00	.656
6527.41257         41.65         146.76         3.3         2.4         6.7         12.25         8.13         .625         7.00         1.00         7.00         7.19         41.65         344.6         100.6         1509.5         6.0         3.0         14.0         16.0         5.0         10.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0	•		41.34	391.0	106.7	474.	6.5	3.8	•	15.16	16.59	.500	7.00	.594
500         719T         41.85         394.6         108.6         150.9         6.0         3.6         12.31         16.72         500         6.00           500         719T         42.09         399.0         109.1         1529.0         6.0         3.9         14.0         12.31         16.72         500           500         656T         42.0         399.0         113.2         1556.7         6.0         3.9         14.0         12.31         16.72         500         500           500         656T         42.0         13.2         1556.7         6.0         3.9         13.7         12.7         4.0         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500<	•	5/1-125T	41.65	185.2	9	** 7.	3.3	2.4		15.25	•	.625	7-00	1.125
30         4751         42.89         397.0         109.1         1529.8         6.0         3.9         14.0         12.35         16.88         500         5.0           30         4736         7151         42.80         315.7         12.29         6.0         3.9         14.0         12.72         438         10.00         5.00           30         4736         7191         42.81         36.9         11.7         12.59         16.88         5.00         7.00         7.00           7x         5107         7191         42.80         11.39         16.91         6.7         3.0         11.7         12.75         4.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         6.00         7.00         7.00         7.00         7.00         7.00         7.00 </td <td>•</td> <td></td> <td>41.85</td> <td>394.6</td> <td>108.6</td> <td>1509.5</td> <td>9.0</td> <td>3.8</td> <td>•</td> <td>15.31</td> <td>16.72</td> <td>.500</td> <td>9-00</td> <td>.719</td>	•		41.85	394.6	108.6	1509.5	9.0	3.8	•	15.31	16.72	.500	9-00	.719
N. 4386   7197   42.31   315.7   107.4   1199.6   5.1   3.5   10.2   12.54   12.72   438   10.81   12.72   45.81   42.81   398.8   117.2   1491.6   5.7   3.8   11.2   12.59   14.72   45.85   117.9   1401.6   5.7   3.8   11.2   12.59   14.72   45.85   117.9   1401.6   5.7   3.8   11.2   12.59   14.72   45.85   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8   46.8	•	•	45.09	397.0	109.1	1529.8	9.0	3.9	-	15.38	16.88	.500	2.00	.875
X * 500/* *6567         42.81         598.0         113.2         1556.7         6.0         3.9         13.7         12.59         16.66         500         7.00           X * 450/* *7197         42.81         34.81         119.9         16.75.9         6.0         4.1         13.7         13.0         16.72         4.36         9.00         7.00           X * 500/* *675         46.9         12.7         1697.6         6.2         4.1         13.7         13.25         16.60         5.00         7.00           X * 500/* *676         45.05         46.0         5.2         4.1         13.5         13.25         16.60         5.00         6.00           X * 500/* *750/* *6.10         46.0         5.9         4.1         13.5         14.7         4.0         5.0         6.0           X * 500/* *750/* *6.10         46.0         5.0         4.1         13.5         14.6         5.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0         6.0 <th< td=""><td>•</td><td></td><td>42.30</td><td>315.7</td><td>107.4</td><td>1099.8</td><td>5.1</td><td>3.5</td><td>~</td><td>15.44</td><td>12.72</td><td>.438</td><td>10-00</td><td>.719</td></th<>	•		42.30	315.7	107.4	1099.8	5.1	3.5	~	15.44	12.72	.438	10-00	.719
**50***7197	•		42.81	396.0	113.2	556.	9	3.9		12.59	16.66	. 500	7.00	• 656
\$607.656; \$6567 \$65.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$6.00 \$	•	•	42.81	365.5	117.9	1401.6	2.5	3.8		12.59	14.72	.438	9-00	.719
X 500/ 656;         45.05         40.05         122.7         1687.8         6.2         4.1         13.5         13.2         16.66         590         590           X 500/ 656;         45.05         40.05         127.6         1494.9         59         4.0         11.5         13.25         16.66         500         500           X 500/ 719T         46.10         190.6         73.4         490.3         3.4         2.6         6.7         13.56         10.00         6.00           X 500/ 719T         46.75         413.2         176.7         6.4         4.3         13.75         16.72         500         6.00           X 500/ 719T         46.76         413.2         176.7         6.4         4.3         13.5         16.00         5.00           X 500/ 719T         47.29         441.4         126.0         1926.6         6.6         4.4         13.5         14.00         8.00           X 500/ 719T         49.10         441.4         126.0         1926.6         6.6         4.4         13.5         14.4         16.7         5.00         8.00           X 500/ 719T         49.10         441.4         13.6         16.6         4.5         14.4	•	:	64.30	404.5	119.9	639	2.9			13.03	16.72	.500	200-2	.719
7.30         4.31         4.57         4.99         5.9         4.0         1.57         1.69         6.9         4.0         1.7         13.51         14.72         4.90         9.0         1.7         13.51         14.72         4.90         9.0         1.7         13.51         14.72         4.90         9.0         1.7         13.51         10.00         9.0         1.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         9.0         10.00         10.00         10.00         10.00         10.00         10.00 <t< td=""><td>•</td><td>•</td><td>42.62</td><td></td><td>155.</td><td>8</td><td>200</td><td></td><td></td><td>13.62</td><td>10.00</td><td>0000</td><td>0000</td><td></td></t<>	•	•	42.62		155.	8	200			13.62	10.00	0000	0000	
7. 500/1.277         46.10         73.4         490.3         3.4         2.6         6.7         13.5         6.00         7.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00		•	45.07	230	163.7	710	•			2 24	10.00	. 200		7.0
3. 500		• :	45.10	1001	73.4	7007	3-6	2		3.56	8.25	. F. B. B.	2.00	•
3X .500/ .656f	×		46.75	413.2	131.2	1764.9	4.9	6.3		3.75	16.72	.500	8-60	
*563/** 6561         *47.80         *441.4         126.0         1926.6         6.6         4.4         15.3         14.0         16.86         .563         6.00           *500/*** 6751         *48.0         *41.6         *13.5         *1840.9         6.5         *4.4         *13.5         *14.0         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500         *500	×	•	47.29	414.2	133.9	1786.7	4.9	4.3	-	13.91	16.66	.500	9.00	.656
\$637 719T \$9:10 \$48.3 132.4 \$215.6 \$6.7 \$4.4 13.5 14.13 16.86 \$.500 7.00 .563 719T \$9:10 \$48.3 132.4 \$215.6 \$6.7 \$4.5 15.2 14.44 18.72 \$.563 \$6.00 .500 .719T \$9:20 \$420.7 142.5 1885.9 \$6.5 \$4.5 13.2 14.47 16.72 \$.563 \$6.00 .500 .500 .500 .500 .4751 \$1.50 \$4.5 15.00 15.80 15.80 15.80 15.80 15.80 .500 \$0.00 .563 .719T \$1.54 \$456.9 144.9 \$2171.9 \$6.9 \$4.7 15.0 15.16 18.72 \$.563 7.00 .563 .563 .563 .563 .563 .563 .563 .563	•	•	47.80	441.4	126.0	1926.6	9.9	4.4	-	90.47	18.66	.563	6-00	.656
563/ 719T         49.10         446.3         132.4         2015.6         6.7         4.5         15.2         14.44         16.72         .563         6.00           500/ 719T         49.20         420.7         142.5         1885.9         6.5         4.5         13.2         14.47         16.72         .500         9.00           563/ 719T         51.00         426.9         144.9         2171.9         6.9         4.7         15.00         16.72         .500         9.00           563/ 854         51.54         153.0         2101.0         6.9         4.7         15.00         15.12         16.72         .500         9.00           563/ 854         861.2         144.9         2171.9         6.9         4.7         15.00         15.12         16.00         9.00           563/ 854         865         86.0         4.7         15.0         15.19         16.00         500         10.00           563/ 855         86.0         87.0         4.9         13.0         15.75         14.00         500         9.00           563/ 853/ 855         86.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0	•	.87	40.84	419.0	136.5	1840.9	6.5	4.4	10	14.13	•	.500	7.00	87
9x -500/ -719T +9.20 +20.7 142.5 1885.9 6.5 4.5 13.2 14.47 16.72 -500 9.00 8x -501/ -075T 51.00 427.6 150.1 1986.9 6.6 4.6 13.2 15.00 16.88 .500 8.00 8x -563/ -719T 51.64 456.9 154.9 2171.9 6.9 4.7 15.0 15.16 18.72 8x -563/ -719T 51.65 427.4 153.0 2013.7 6.7 4.7 15.0 15.19 16.72 8x -563/ -655T 52.29 461.2 149.0 2214.2 7.0 4.8 14.9 15.38 18.66 8x -563/ -675T 53.99 435.0 152.0 1729.4 6.1 4.5 11.4 15.75 14.88 8x -563/ -675T 53.99 435.0 163.9 2128.3 6.8 4.9 13.0 15.89 16.88 8x -563/ -675T 53.99 468.1 157.4 2322.7 7.1 5.0 14.8 15.8 18.66 8x -563/ -655T 54.5 474.1 157.4 2322.7 7.1 5.0 14.8 15.8 18.66 8x -563/ -675T 54.5 474.1 157.4 2352.7 7.1 5.0 14.7 16.03 18.66 8x -563/ -675T 54.5 474.1 157.2 5.1 14.9 16.13 19.00 8x -563/ -675T 55.25 474.1 153.2 2.14.0 7.2 5.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 153.2 2.14.0 7.2 5.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 153.2 5.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 153.2 5.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 153.2 5.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 15.3 19.00 8x -563/ -675T 55.25 474.1 15.3 19.00 8x -563/ -675T 55.25 474.1 15.3 19.00 8x -563/ -675T 55.25 474.1 14.8 16.75 18.86 8x -563/ -675T 55.25 474.1 15.3 19.00	•	•	49.10	448.3	132.4	2015.8	2.9	4.5	~	****	~	.563	9-00	11
0x -500/ -6757 51.00 427.6 150.1 1986.9 6.6 4.6 13.2 15.00 16.88 .500 8.00 .71	•	•	49.20	420.7	45.	1885.9	6.5	4.5	2	14.47	~	.500	9.00	1
7X -563/ 7719T 51.54 458.9 144.9 2171.9 6.9 4.7 15.0 15.16 18.72 -563 7.00  1X -563/ 7719T 51.65 427.4 153.8 2003.7 6.7 4.7 13.0 15.19 16.72 -560 10.00  1X -563/ 7719T 52.29 461.2 149.0 2214.2 7.0 4.0 14.9 15.39 16.66  1X -563/	•	•	51.00	427.6	150.1	1986.9	9.9	4.6	2	12.00	8	.500	9-00	8
0x 5500/ 7197 51.65 427.4 153.8 2003.7 6.7 4.7 13.0 15.19 16.72 5500 10.00 80 553/ 6557 6557 6557 6.7 4.7 13.0 15.19 16.72 5500 10.00 80 553/ 6557 55.29 461.2 149.0 2214.2 7.0 4.8 14.9 15.38 18.66 5503 8.00 80 500 80757 53.99 455.0 165.9 2128.4 6.1 4.5 15 15.0 15.75 14.80 5500 10.00 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80 5500 80	•	•	51.54	6.854	144.9	2171.9	6.9	4.7		5.1	-	. 563	7-00	71
0x .563/ .6567 52.29 461.2 149.0 2214.2 7.0 4.8 14.9 15.38 18.66 .563 8.00 . 0x .500/ .8757 53.55 384.0 152.0 1729.4 6.1 4.5 11.4 15.75 14.88 .500 10.00 . 0x .500/ .8757 53.99 435.0 163.9 2128.3 6.8 4.9 13.0 15.88 16.88 .500 9.00 . 0x .563/ .7197 53.99 468.1 157.4 2322.7 7.1 5.0 14.8 15.88 18.72 .563 8.00 . 0x .563/ .6567 54.50 469.4 160.4 2350.1 7.1 5.0 14.7 16.03 18.66 .563 5.00 . 0x .563/ .8757 55.25 474.4 163.2 244.0 7.2 5.1 14.8 16.75 18.88 .563 7.00 .	•		51.65	457.4	153.8	2003.7	6.7	4.1	•	5.1		.500	10-00	7
0X .500/ .6757 53.55 384.0 152.0 1729.4 6.1 4.5 11.4 15.75 14.88 .500 10.00 . 9X .500/ .8757 53.99 435.0 163.9 2128.3 6.8 4.9 13.0 15.88 16.88 .500 9.00 . 8X .563/ .7197 53.99 468.1 157.4 2322.7 7.1 5.0 14.8 15.88 18.72 .553 0.00 . 9X .563/ .6567 54.50 469.4 160.4 2350.1 7.1 5.0 14.7 16.03 18.66 .563 5.00 . 8X .563/ .8007 55.05 474.4 163.2 248.4 7.2 5.1 14.8 16.23 19.00 .563 6.00 1.	×		N	461.2	9	2514.2	7.0	4.0	0	5.3	9	. 563	8-00	.656
.500/ .8757 53.99 435.0 163.9 2128.3 6.8 4.9 13.0 15.88 16.88 .500 9.00563/ .7197 53.99 468.1 157.4 2322.7 7.1 5.0 14.8 15.88 18.72 .563 \8.00563/ .6567 54.50 469.4 160.4 2350.1 7.1 5.0 14.7 16.03 18.66 .563 5.00563/.0007 54.84 474.2 160.4 2397.4 7.2 5.1 14.9 16.13 19.00 .563 6.00 1563/ .8757 55.25 474.4 153.2 244.0 7.2 5.1 14.8 16.25 18.88 .563 7.00 .	×0		2	384.0	N	1729.4	6.1	4.5		2.1		.500	10-00	.875
.563/ .7197 53.99 468.1 157.4 2322.7 7.1 5.0 14.8 15.88 18.72 .563 8.00 . .563/ .6567 54.50 469.4 160.4 2350.1 7.1 5.0 14.7 16.03 18.66 .563 5.00 . .563/1.0007 54.84 474.2 160.4 2397.4 7.2 5.1 14.9 16.13 19.00 .563 6.00 1. .563/ .875 55.25 474.4 163.2 2414.0 7.2 5.1 14.8 16.25 18.88 .563 7.00 1.	•		0	435.0	163.9	2128.3	9.9	6.4			9.9	.500	9.00	.875
.563/.656T 54.50 469.4 160.4 2350.1 7.1 5.0 14.7 16.03 18.66 .563 5.00 . .563/1.000T 54.84 474.2 160.4 2397.4 7.2 5.1 14.9 16.13 19.00 .563 6.00 1. .563/.875T 55.25 474.4 163.2 2414.0 7.2 5.1 14.8 16.25 18.88 .563 7.00 .	•	•	•	468.1	157.4	322.	7.1	2.0			8.7	.563	8-00	.719
.563/1.000T 54.84 474.2 160.4 2397.4 7.2 5.1 14.9 16.13 19.00 .563 6.00 1. .563/ .875T 55.25 474.4 163.2 2414.0 7.2 5.1 14.8 16.25 18.88 .563 7.00 .	•	•	10		9	350.	7.1	5.0	14.7	0	8.6	. 563	00-6	•656
.563/ .875T 55.25 474.4 163.2 2414.0 7.2 5.1 14.8 16.25 18.88 .563 7.00 .	•	:			9	397.	7.2	5.1	14.9	-	9.0	.563	9-00	1.000
2001 1000 1000 1000 1000 1000 10000	•													

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1.0000 - 1 in.

NOMINAL STATEMENT OF STATEMENT	2501 2501 2501 3131 3131 3131 3131 3131 3131 3131 3		SECTION 2PL 17.5 24.8 23.2 23.2	MODUL US ZFL 2.9	INERTIA 10.6	« ·	4 .	3.7	AREA .75	3.19	THICK 125	MIDTH 2.00	MGE THIC	SHEAR AREA
2X 1125 2X 1126 2X 1126 2X 1126 2X 1126 2X 1136 2X 126 2X 126 2X 126 2X 250 4X 250 4X 250 4X 250 4X 250 5X 250	1001 1001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11001 11	9446650 C	24.8 24.8 23.2	2FL 2.9	10.	« ·	4 9	3.7	AREA .75	3.19	.125	300	141CK	AREA . 54
2X X X X X X X X X X X X X X X X X X X	1001 21501 21501 21501 3131 3131 3131 3131 3131 3131 3131		24.8	5.9	9.01	5.4	9.	3.7	.75	3.19	.125	2.0	.188	.54
2	1887 2507 2507 3137 3137 3137 3137 4138 4138 4138 4138 4138 4138 4138 4138	2 m + + + + v v v o o v / / e o	23.2			4	•		:		-			
25	2501 3131 3131 3131 3131 3131 41301 41301 41301	, , , , , , , , , , , , , , , , , , ,	23.2	***	120.2	•	9.	1.4	000	4.19	•125		.188	99.
2 X X X X X X X X X X X X X X X X X X X	2501 2501 3131 3131 3131 3131 3131 41301 41301 41301 41301	**************************************	23.2	3.6	13.3	9.	9.	3.7	1.06	3.25	.188	2.00	.250	.82
2	2507 3137 2507 3137 3137 3137 3137 4387 4387	444 W W W W W W W W W W W W W W W W W W	24.1	4.0	15.1	9.		3.6	1.19	3.31	.188	2-00	.313	.83
2X X X X X X X X X X X X X X X X X X X	2507 2507 3137 3137 3137 53137 53137 53137	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1	4.5	16.6	.7	.7		1.31	3.25	.188	3.00	.250	.82
2 X X X X X X Z Z Z Z Z Z Z Z Z Z Z Z Z	25507 3137 3137 3137 3137 53137 53137 53137	40.000.000.000.000.000.000.000.000.000.	34.0	6.4	23.3	•	1.	4.7	1.38	4.31	.188	2.00	.313	1.02
2 X X X X X Z Z Z Z Z Z Z Z Z Z Z Z Z Z	2550 2550 3131 3131 3131 5131 5131	7	42.5	5.3	30.1	6.	1.	5.7	1.44	5.25	.188	2-00	.250	1.20
2 X X X X X X Z 2 2 2 2 2 2 2 2 2 2 2 2	3131	5.95 6.39 7.60 7.60 6.05	47.0	6.0	34.1	6.		5.7	1.56	5.31	.188	2-00	.313	1.21
2 X X X X X X X X X X X X X X X X X X X	2501 3131 3131 3131 3131 5131 5131	6.39	62.7	7.2	48.2	1.1	•	6.7	1.75	6.31	.186	2.00	.313	1.40
25	3137 3137 3137 4387 4387 4387	7.00	67.5	8.1	53.3	1.2	•	9.9	1.88	6.29	.188	3.00	.250	1.39
2 X X X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	3137 3137 4387 4387 4387	7.00	47.9	7.8	36.3	1.0	•	4.7	2.00	4.31	.188	00 - 4	.313	1.02
25	3137 3137 4387 3137 4387	8.09	3	9.3	61.2	1.2		9.9	2.06	6.31	.188	3.00	.313	1.40
2 X X X Z 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3137 4387 3137 4387	8.09	65.5	9.5	53.2	1.2	•		2.19	5.31	.188	4.00	.313	1.21
25	31	0 10	10	11.3	74.4	1.4	6.	9.9	2.38	6.31	.188	4-00	.313	1.40
22.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25	31	20.0	6	10.3	59.0	1.2			2.56	5.44	.250	3.00	.438	1.64
22 . 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63	9.15	9	12.1	91.0	1.5	6.	7.5	5.69	7.31	.250	3.00	.313	2.11
22. X		9.55	6.06	12.5	65.9	1.4	6.		2.81	6.44	.250	3.00	.438	1.89
22 . 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37	9.79	106.9	13.4	101.6	1.6	1.0	7.6	2.88	7.38	.250	3.00	.375	2.13
22 . 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3131	10.00	122.2	14.3	120.4	1.7	1.0	8.4	2.94	8.31	.250	3.00	.313	2.36
3x .250/ 3x .250/ 3x .250/ 3x .250/ 3x .250/ 3x .250/ 3x .250/	31	10.20	110.7	14.4	107.6	1.6	1.0	7.5	3.00	7.31	.250	4-00	.313	2,11
2x -250/ 2x -250/ 3x	53	10.40	113.8	14.8	112.0	1.7	1.0	7.6	3.06	7.44	.250	3.00	.438	2.14
7052. X5 7052. X5 7052. X5 7052. X5 7052. X5 7052. X5	3751	10.64	130.7	15.8	133.9	1.8	1.0	8.5	3.13	8.38	.250	3-00	.375	2.38
3x .250/ 6x .250/ 5x .250/ 5x .250/ 5x .250/	31	11.05	135.2	16.9	141.7	1.9	1.0	9.4	3.25	8.31	.250	4-00	.313	2.36
4x .250/ 5x .250/ 5x .250/	4381	11.25	138.4	17.3	147.1	1.9	1:1	8.5	3.31	8.44	.250	3.00	.438	2.39
7052° X5 2X -2507 5X -2507	37	11.49	105.4	16.2	105.3	1.6	1.0	6.5	3.38	6.38	.250	2.00	.375	1.88
5x -250/	37.51	11.90	144.7	18.9	159.0	2.0	1:1	3.0	3.50	8.38	.250	4-00	.375	2.38
1042. XC	3	12.34	130.7	19.1	141.7	1.0	1:1	**	3.63	7.38	.250	2.00	.375	2.13
	4381	12.55	113.2	18.2	118.5	1.7	-:	6.5	3.69		.250	2.00	.438	1.89
4x .25	4381	12.75	153.9	21.0	176.9	2.1	::	4.6	3.75	9.4	.250	**	.438	2.39
. X	37.51	13.19	157.4	25.2	184.7	2.1	1.2	8.3	3.88	8.38	.250	2.00	.375	2.38
52. X6	4381	13.40	139.5	51.4	158.8	1.9	1:1	4:	3.94	1.64	.250	2-00	.438	2.14
• ×9	4381	14.04	121.9	21.0	135.7	1.0	::	6.5	4.13	9.44	.250	9.00	. 438	1.89
10 cz . xc	4301	14.25	100.8	24.7	6.502	2.2	1.5		4.19	***	052.	2.00	864.	2.39
74 64 3507	37.51	14.05	165.0	25.5	6-717	5.2	7.1	5.6	100	9.38	. 513	000	.375	3.29
12 12 A7			2000	200	20101	1.0	7.			****	0670			****
6x .31	3751	15.74	202.8	27.0	273.8			2.5	. 6.70	10.28	212		175	1000
6x .250/	438T	15.74	177.8	28.4	234.4	2.3		8.2	4.63	44.8	250	6-00	424	2.30
5x .313/	3757	15.95	187.7	27.1	248.9	2.4	1.3		69.4	9.38	313	5-00	375	3.29
4x .313/	500T	16.35	192.5	28.1	260.5	2.5	1.4	9.3	4.81	9.50	.313	4-00	.500	3.33
.31	438T		N	29.5	299.5	5.6	1.4	10.2	4.88	10.44	.313	4.00	.438	3.62
5x .31	3757	17.00	216.4	30.9	311.0	2.7	1.4	10.1	2.00	10.38	.313	2.00	.375	3.60
4x .31	563T	17.20	2002	30.5	282.6	5.6	1.4	9.3	90.6	9.56		4-00	.563	3.34
4x .31	500T		221.7	32.1	325.6	2.7	1.5	10.2	5.13	10.50	.313	4-00	.50	3.64
5x .31	438T		226.8	34.0	342.2	2.8	1.5	10.1	5.31	10.44		2.00	.438	

1.125 IN. PLATE (AREA= 37.97 SQ.IN.)

YF AREA DEPTH THICK MIDTH THICK A LOSE	YF         AREA         DEPTH         THICK         HIDTH         THICK           10.2         5.36         10.56         .313         \$4.01         .563         3           6         10.0         5.44         .313         \$6.01         .501         .503         3           4         7.2         5.63         10.54         .313         5.01         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .501         .503         .501         .503         .501         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503         .503
5 10.2 5.38 10.56 .313 6.00 .563 3 5 10.2 5.44 9.44 .313 5.00 .438 3 6 10.0 5.63 7.51 0.51 313 5.00 .438 3 7 10.0 5.61 7.51 0.54 .313 5.00 .510 5.00 5 7 10.0 5.61 10.56 .313 5.00 .501 2 7 10.0 5.61 10.56 .313 5.00 .561 3 8 11.8 6.31 10.50 .313 7.00 .563 3 9 11.8 6.50 11.56 .313 7.00 .563 3 11.8 6.50 11.56 .313 7.00 .563 3 11.8 7.13 12.65 .313 7.00 .563 3 11.8 7.0 7.15 12.53 .375 7.00 .563 3 11.8 7.0 7.15 12.53 .375 7.00 .563 3 11.7 7.16 12.53 .375 7.00 .563 3 11.7 7.76 12.55 .313 7.00 .563 3 11.7 7.76 12.59 .375 5.00 .564 5 11.7 7.78 12.66 .375 5.00 .564 5 11.7 7.78 12.55 .313 8.00 .564 5 11.5 7.63 11.56 .375 5.00 .564 5 11.5 7.64 12.57 .375 5.00 .564 5 11.6 7.31 12.55 .315 6.00 .564 5 11.7 7.7 12.59 .375 5.00 .564 5 11.6 8.66 12.59 .375 5.00 .564 5 11.7 7.7 12.59 .375 5.00 .564 5 11.5 8.06 12.53 .375 5.00 .564 5 11.5 7.69 12.55 .313 8.00 .564 5 11.5 8.00 12.55 .313 8.00 .564 5 11.5 7.69 12.55 .313 8.00 .564 5 11.5 8.00 12.55 .375 5.00 .564 5 11.5 8.00 12.55 .375 5.00 .564 5 11.5 8.00 12.55 .375 5.00 .564 5 11.5 8.00 12.55 .375 5.00 .564 5 11.5 8.00 14.55 .438 5.00 .564 5 13.2 9.2 12.5 9 .438 5.00 .564 5 13.2 9.2 11.6 6 .438 5.00 .656 6 13.1 9.69 14.52 .438 5.00 .656 6 13.2 9.7 14.56 .438 5.00 .656 6 13.2 9.7 14.56 .438 5.00 .656 6 13.2 9.7 14.56 .438 5.00 .656 6 13.2 9.7 14.56 .438 5.00 .656 6 13.2 9.7 14.56 .438 5.00 .656 6 13.3 9.7 14.56 .438 5.00 .656 6 13.3 9.7 14.56 .438 5.00 .656 6 13.3 9.7 14.56 .438 5.00 .656 6 13.3 9.7 14.56 .438 5.00 .656 6 13.1 9.69 14.59 .438 6.00 .656 6 13.1 9.69 14.59 .438 6.00 .656 6 13.1 9.69 14.59 .438 6.00 .656 6 13.1 9.69 14.59 .438 6.00 .656 6 13.1 9.69 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.7 14.50 .438 6.00 .656 6 13.1 9.1 9.1 9.2 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	5         10.2         5.38         10.56         .313         \$6.00         .553         3         5.64         9.44         .313         \$6.00         .438         3         3         5.61         .560         .313         5.00         .500         3         3         5.61         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500
5 9.1 5.44 9.44 313 6.00 4.38 3.4 10.0 5.63 1.0 5.0 313 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0	5         9.1         5.44         9.44         313         6.010         -438         3.4           6         10.0         5.63         10.50         313         5.010         -5010         3.10         5.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.13         7.010         -5010         3.513         7.010         -5010         3.513         7.010         -5010         3.513         7.010         -5010         3.513         7.010         -5010         3.513         3.010         -5010         -5010         3.513         2.010         -5010         3.513         2.010         -5010         3.513         2.010         -5010         3.513         3.010         -5010         3.513         3.010         -5010         3.010
6 10.0 5.63 10.50 313 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0	6         10.0         5.63         10.50         .313         5.00         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .
6         10.0         5.0         7.5         313         7.0         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500	4         7.2         5.69         7.51         .313         7.01         .510         .500           6         10.0         5.75         11.0         6.00         .438         3.0           7         10.0         5.94         10.50         .313         6.00         .438         3           7         9.0         10.50         .313         7.00         .563         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3
6         10.0         6.313         6.00         -4.36         3.4           7         9.2         10.44         -313         6.00         -6.30         3.3         7.00         -6.00         -6.30         3.3         7.00         -6.33         2.50         3.3         7.00         -6.53         2.65         3.3         7.00         -6.53         2.65         3.3         7.00         -6.53         2.65         3.3         7.00         -6.53         2.65         3.3         7.00         -6.53         2.65         3.3         7.00         -6.63         3.2         2.65         3.3         7.00         -6.63         3.2         3.2         3.2         3.3         7.00         -6.63         3.3         3.2         3.2         3.3         3.2         3.2         3.3         3.2         3.3         3.2         3.2         3.3         3.2         3.3         3.2         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3<	6         10.0         6.13         10.44         .313         6.010         .436         3.3         6.010         .436         3.4         .56         .313         6.010         .563         3.1         .563         .313         6.010         .563         3.3         6.010         .563         3.1         .566         .313         7.010         .563         2.010         .563         3.1         .566         .313         7.010         .563         2.010         .663         .696         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896         .896 <td< td=""></td<>
6 9.1 5.81 9.50 313 6.00 550 3 7 10.0 5.94 10.56 313 7.00 563 3 7 9.0 6.13 10.56 313 7.00 563 3 8 11.8 6.36 12.47 313 7.00 563 3 8 9.8 6.63 10.50 313 7.00 563 3 11.8 6.63 12.53 375 4.00 563 3 11.8 6.63 12.53 375 4.00 594 5 11.8 7.16 10.56 313 7.00 594 5 11.8 7.15 12.59 375 7.00 655 5 11.8 7.15 12.65 313 8.00 553 3 11.6 7.31 12.65 313 8.00 553 3 11.7 7.7 12.59 375 5.00 556 5 11.5 7.69 12.53 375 5.00 556 5 11.5 7.69 12.50 375 5.00 556 5 11.5 7.69 12.66 375 6.00 553 3 11.5 7.7 12.59 375 5.00 556 5 11.5 7.8 12.65 375 5.00 556 5 11.5 7.7 12.59 375 5.00 556 5 11.5 8.66 12.59 375 7.00 594 5 11.5 8.66 12.59 375 7.00 594 5 11.5 9.09 12.66 375 7.00 594 5 11.2 9.25 12.59 375 7.00 556 5 11.2 9.25 12.59 375 7.00 556 5 11.3 9.09 12.66 375 7.00 556 5 11.2 9.25 12.59 375 7.00 556 5 11.2 9.51 14.59 375 7.00 556 5 13.2 9.09 12.66 375 7.00 556 5 13.2 9.72 14.72 438 5.00 556 5	6         9.1         5.01         9.50         .313         6.010         .500         3           7         10.0         6.13         10.56         .313         7.00         .563         3           7         9.9         6.13         10.56         .313         7.00         .563         3           7         9.9         6.13         10.56         .313         7.00         .663         3           8         11.8         6.30         12.47         .375         4.00         .663         3           9         9.6         6.53         10.50         .313         7.00         .663         3           11.0         6.653         10.50         .313         7.00         .663         3         .693         3         .693         3         .693         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963         .963
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0         11.8         6.36         12.47         375         4.00         .469         56         313         7.00         .469         56         313         7.00         .469         36         313         7.00         .563         33         313         7.00         .563         33         375         4.00         .563         33         375         375         4.00         .563         33         375         375         375         375         375         33         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375         375 <td< td=""><td>6         11.8         6.36         12.47         375         4.00         .469         56         313         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3</td></td<>	6         11.8         6.36         12.47         375         4.00         .469         56         313         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         7.00         .563         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3
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4     13.2     9.09     14.53     .438     5.00     .594     6.       5     13.2     9.09     12.66     .438     5.00     .594     6.       6     11.3     9.09     12.66     .438     5.00     .594     5.       6     13.2     9.41     14.66     .438     5.00     .656     6.       9     7.1     9.63     7.88     .500     7.00     .875     4.       10     13.2     9.72     14.72     .438     5.00     .594     6.       11     2.05     14.72     .438     5.00     .594     6.       13.2     9.72     14.72     .438     5.00     .719     656     5.       12     9.72     14.72     .438     5.00     .719     656     5.       12     9.72     14.72     .438     5.00     .719     656     5.	4     13.3     8.78     14.53     .438     5.00     .531     6.       5     13.2     9.09     12.66     .438     5.00     .594     6.       6     11.2     9.29     12.66     .475     7.00     .594     5.       5     13.1     9.31     14.53     .438     6.00     .531     6.       6     13.2     9.41     14.66     .438     5.00     .656     6.       9     7.1     9.63     7.88     .500     7.00     .875     4.       6     13.1     9.72     14.72     .438     5.00     .719     .594     6.       7     13.2     9.72     14.72     .438     5.00     .719     .594     6.       8     11.2     9.75     12.66     .375     8.00     .656     5.       9     7.2     9.94     8.00     .563     6.00     1.000     55
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1-125 IN. PLATE (AREA= 37.97 SQ.IN.)

	SHEAR	AREA	6.91	5.17	46.9	6.91	6.88	5.14	8.86	6.94	8.89	m .	9.00		6.9	8.89	8.86		26.0	6.06	8.89	6.94	8.92	8.89	6.9		8.92	6.89	11.11	11.17	8.92	9.00	11.17	8.92	11.14	8.00	ο.		11:11:	•
*******	NGE	THICK	•656	. 656	.719	.656	.594	1.000	.594	.719	• 656	• 656	194	719	.719	.656	*65*	1.125	. 13	.719	.656	.719	. 719	.656	.719	1.250	.719	• 656	. 656	719	.719	.875	.719	.719	.656	.875	.875	.719	9690	1.000
	FLA	WIOTH	9 9 9	0.0	6-00	2.00	0.00	7.00	2.00	7-00	2.00	0			9.00	6.00	7.00	2.00		10.00	7.00	9.00		8.00	10.00	7.00	8.00	9.00			9.00	8.00	7.00	10-00	0	10-00	9.00	9.00		9.0
10	ME8	THICK	. 438	.375	438	.438	.438	.563	.500	.438	.500	.438	200	638	.438	.500	.500	• 625	. 500	.438	.500	.438	004.	.500	.436	.688	.500	.500	505	563	.500	.500	.563	.500	.563	. 500	.500	.563	.565	. 565
*** BEAN		DEPTH	14.66	12.66	14.72	14.66	14.59		16.59	14.72	16.66	4.6	10.29	12.72	14.72	16.66	16.59	8.13	16.72	12.72	16.66	14.72	2/-91	16.66	14.72	8.25	16.72	16.66	16.66	18.72	16.72	16.88	1.9	~	18.66	;	16.88		10.00	19.00
*******		w	0 (	10.61				Œ	0	-	11.28	11.38	11.76	1	11.88	0	12.16	12.25	12.31	12.44	12.59	12.59	13.03			13.56				14.44	14.47	15.00	15.16	15.19	15.38	15.75	•		10.03	10.13
		AF	13.0	11.0	13.0	8	12.8	2	14.7	12.8	14.7	12.7		10.9	12.6	14.5	;	2.	14.5	10.8	14.3	12.5	14.5	14.2	12.3	7.0			15.9		13.9	13.9	15.7	13.7	15.5	12.0	13.7	15.5	12.4	1201
		4	2.2	2.7	2.8	2.9	3.0	2.0	3.0	3.0	3.1	3.1	3.5	2.9	3.2	3.3	3.3	2.2	200	3.1	3.5	3.4	3.0	3.6	3.6	2.3	3.8	3.8	3.0	7	,	4.1	4.2	4.1	4.2	4.0	£ . W	3 .	* .	4.5
		œ			,	5.0	5.0	3.0	2.5	5.1	5.3	5.1				5.5	5.6	3.1	2.0		5.7	5.4		5.9	5.6	3.2	0.9	6.1			6.2	6.3	9.9	6.3	9.9		6.5	9.9	•	6.0
		INERTIA	1096.5	11130-0	1161.8	1202.8	1224.3	433.5	1318.8	1275.3	1385.1	1304.4	1440.6	1093.1	1384.3	1520.2	560.	481.5	1598.5	1173.0	1650.0	1491.1	1739.7	1776.9	1594.2	529.1	1877.5	1901.7	1060.5	2141.3	2010.6	2121.6	2311.9	2140.9	2358.5		2278.6	•	2507.6	4.0662
	-			90.00								_		-	109.6	104.7	108.5	68.1	110.5	109.1	115.1	119.7	121.9	125.5	129.7	75.1	133.4	136.1	128.5	136.9	144.8	152.6	147.6	156.2	151.7	54.	166.5	0 1	163.2	103.4
	SECT ION	2PL	399.8	365.0	407.8	412.1	414.0	212.1	441.6	420.3	450.0	422.7	7.064	372.0	430.8	465.1	468.9	219.8	475.5	379.6	478.0	440.2	400.0	9.3	448.3		498-1	499.5	550.8	539.6	508.1	517.1	553.3	517.0	556.4	465.1	527.1	565.3	507.1	216.0
	1	4		2 6	20		66	.20	0		5	. 69	200	58		9	41.34	41.65	41.85	42.30			44.30		N	46.10		47.29			49.20	51.00	51.54	51.65	52.29				24.50	
		SIZE	19591	. 65 6T		.656T	1465°		. 594T	1617.	.656T	.656T	70.7	7917	.719T	.656T	1465.	-	17171 A757	T19T	.656T	-719T	161/e	.656T	.719T	1.250T	.719T	.656T	. 87 ST	7197	.719T	1978.	.719T	.719T	·656T	.8751	1678.	1617.		1000-1
		OMINAL S		375/	.438/	.438/	.438/	. 563/1	1005.	.438/	-5007	. 438/	2007	438/	.438/	.500/	.500/	.625/1	5007	438/	1005.	.438/	5007	.500/	.438/	.688/1	.500/	12007	5007	.563/	.500/	.500/	.563/	.500/	.563/	.500/	2000	.563/	.5637	. 563/
		~	X 0 X			X X							X O X						X DX	-	X 7X		**		-				X 2 X				x 2x	-		-			X 2X	
			***		16X	1 4×	14X	-	16X	14X	16X	14X	101	12x	14X	16X	16X		167	12	16X	14X	167	16X	14	-	16X	16X	167	18X	16x	16X	18X	16	18X	1	16×	187	101	P

SECT ION
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1.1250 - 1 1/8 in.

	SHEAR	AREA	.56	.68	. 85	.86	.85	1.05	1.22	1.23	1.42	1.41	1.05	1.62	1-23	1.42	1.67	2.14	1.92	2.16	2.39	2.16	2.17	2.63	2.39	2.62	16.91	2.41	2.16	1.92	2.42	2.41	2.17	1.92	2.45	3.33	2.17	3.35	3.64	2.42	3.33	3.36	3.66	3.64	3.38	3.68	3.66		
*******	39	THICK	.188	.188	.250	.313	.251	.313	.256	.313	.313	.250	.313	.313	.313	.313	.438	.313	.438	.375	.313	.313	638	375	313		375	375	.375	.438	.436	.375	.438	.438	. 438	.375	. 4.38	.438	.375	.438	.375	.500	.438	.375	.563	.500	.438		
	FLANGE	HIDIN	2.00	2.00	2-00	2.00	3-00	2.00	2.00	2-00	2-00	3.00	4-00	3.00	4.00	00-7	3.00	3.00	3.00	3.00	3.00	4-00	3.00	3-00		3.00	200	4.00	2.00	5.00	4.00	2.00	2.00	9-00	2.00	4.00	9.00	4.00	4-00	6.00	5.00	4.00	4.00	5.00	** 00	4.00	2.00		
DIMENSIONS	MEB	THICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	250	250	.250	25.0	250	250	.250	.250	.250	.250	.250	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	. 313		
*** BEAM		DEPTH	-	4.19	3.25	3,31	3.25	4.31	5.25	5.31	6.31	6.25	4.31	6.31	5.31	6.31	5.44	7.31	6.44	7.38	6.31	7.31	7.66	A. 3.	8.31		6.38	A. 3.8	7.38	6.44	9.44	8.36	7.44	6.44	9.44	9.38	1.50	9.44	10.38	9.44	9.38	9.50	10.44	10.38	9.56	10.50	10.44		
*******		AREA	.75	. 88	1.06	1.19	1.31	1.38	1.44	1.56	1.75	1.88	2.00	2.06	2.19	2.38	2.56	2.69	2.81	2.88	2.94	3.00	3.06	3.13	3.25		3 3 3	3.50	3.63	3.69	3.75	3.88	3.94	4.13	4.19	4.31	4.30	4.56	4.63	4.63	4.69	19.4	4.80	2.00	2.06	5.13	5.31		
		YF	3.8		3.8	3.9	3.6		5.0	5.8	6.8	6.7	4.8	6.7	5.7	6.7	5.8	7.6	6.9	7.7	9.6	7.6	7.7	8.6			9.9	8.6	7.6	6.7	9.0	8.5	7.6	6.6	8.5	4.6	2.5	9.5	10.3	9.4	9.4	9.5	10.4	10.3	9.5	10.4	10.3		
		YP														6.	6.	6.	6.	6.	1.0	1.0			-					1.0	1.1	1.1	1:1	1:1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1/4 in.	
		œ	• 5	9.	9.	9.	9.		•	6.	1.0	1.1	6.	1.2	1.1	1.3	1.1	1.4	1.3	1.5	1.6	1.5	1.5	1.7	1.7		1.5	-	1.7	1.6	1.9	1.9	1.8	1.7	2.0	2.1	1.9	2.2	2.3	2.2	2.2	2.3	5.5	2.5	2.4	5.6	5.6	- 1 1/	
		INERTIA	13.2	18.4	15.8	17.7	19.3	26.1	33.0	37.1	51.6	6.95	39.6	65.0	6.95	78.7	63.0	95.7	87.5	106.6	125.9	112.9	117.4	139.A	167.9	153.4	110.9	165.A	148.3	124.7	184.4	192.5	166.2	142.7	214.6	226.7	189.6	0.642	284.3	264.4	259.0	271.1	311.0	323.0	294.1	338.2	355.5	1,2500	
	MODOLUS	L	3.5	3.9	4.2	4.6	5.1	5.4	1.5.	4.9	7.6	8.5	8.3	7.6	6.6	11.8	10.8	12.5	12.9	13.9	14.7	14.9	15.2	16.2	17.3	17.7	16.7	10.4	19.6	18.7	21.5	22.7	21.9	21.6	25.2	24.0	25.2	26.3	51.5	29.0	27.6	28.6	30.0	31.4	31.0	32.6	34.6		
:	SECT ION	ZPL	19.7	26.7	23.0	25.3	27.3	35.9	44.3	6.84	6.49	6.69	50.3	77.6	4.89	89.4	73.3	104.2	95.7	112.6	128.9	117.0	120.4	138.6	163.6	147.5	112.2	154.9	140-1	121.2	165.6	169.8	150.4	131.6		189.9	162.3	200.8	221.8	194.6	202.5	210.9	233.5	238.3	220.8	244.7	1.152		
		HT/FT	5.55	5.99	3.60	4.05	4.45	69.4	4.90	5.30	5.95	6.39	6.80		7.45	8.09	8.70	7	9.55	9.79	10.00	10.20	10.40	10.64	•	11.25		11.90	12.34	12.55	12.75	13.19	13.40	14.04			14.89	15.50	15.74	~	15.95	16.35	16.59	17.00	17.20	17.44	18.05		
		32	-188T	188T	. 25 OT	3131	.250T	313T	10 52 ·	3131	3131	1052	3131	3131	.313T	31	-438T	. 31.3T	.438T	.3751	31	-		37.51	31.37	6 TAT	37.51	37.57	3757	.438T	.438T	.375	.438T	.438T	.438T	.3751	-4381	.4381	.375T	.438T	.375T	-500T	.438T	.375T	.563T	.500T	-438T		
		S	15		.188/							199	188	1	188/			1952	10	7052	250/	25.07	250/	2501	250/	2501	250/	250/	250/	2501	.250/				.250/									3/	3/	31	3/		
		z		<b>5</b> X	×	2X	×	2X	2X	X2	2×	3×	X,	38	×	×	3×	38	3X	3X	3×	**	3×	XX	t X	×		×4	7X 5X						8x 5x	X4 X6	1x 6x	X4 X6				X4 X6							

1.258 IN. PLATE (AREA = 46.88 SQ.IN.)

SECTION HODULUS  SECTIO	2	EA		35	99	1.4	99	36	20	92	99	36	15	10	7.0	99	17	15	19	33	0.	22	11	35	15	61	2	-:	22	25	13	.17	16	22.		100	. 22	19	91	26	57	*	66	22	
SECTION MODULUS  (WARNAL SIZE	SHE	AR	3.	3.	3.	2.	3.	3.	3.	2.	3.	3.	2.	3.	3.	3.6		2.		'n	3.		2	3.			*				2	5.	3.9					5.	•	•	;	•	•	5	
SECTION HODULUS  NEW 18.5 SECTION HODULUS  KX 33.3. *651 1 10.29 23.3 34.7 32.2 2.5 114 10.4 5.64 10.4 9.44 313 6.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.	NGE	THICK	.563	.438	.500	.500	.438	.500	.563	.563	.51	.500	694.	.563	.563	.500	.531	.469	.594	• 625	.563	• 656	.531	.563	.469	.594	.563	.531	. 670	. 688	.594	.531	.750	.656	***	100	.656	.594	.531	.656	.875	.594	.719	.656	
THE SECTION HOULUS  WAY 3137 -563T 10.29 240.1 2.2 114 9.3 5.44 9.14 5.30 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.5	7		4.00	6.00	2-00	7-00	9-9	6.00	2.00	7-00	6.00	7-00	4.00	7-00	6.00	7.00	** 00	2.00	4.00	7-00	2.00	4-00	2.00	8.00	6-00	2.00	8.00	9.00	200	7.00	6-00	7.00	7.00	9.00		200	7.00	8.00	6.80	5.00	7.80	6.00	5.00	8.00	
SECTION HODULUS  WAY SIJN 568T  WAY SIJN 668T  WAY		THICK	.313	.313	.313	. 313	.313	.313	. 313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	1365	.638	.375	.375	.438	.375		478	375	.375	.438	.438	.500	.438	.438	.375	
WITHIAL SIZE  WI	HE BEAN	DEPTH	10.56	9.44	10.50	7.50	10.44	9.50	10.56	7.56	10.50	9.50	12.47	8.56	10.56	10.50	12.53	12.47	15.59	7.63	10.56	15.66	12.53	9.56	12.47	12.59	10.56	12.53	17.00	7.69	12.59	12.53	7.75	12.66	16.59	14.50	12.66	12.59	14.53	14.66	7.88	14.59	14.72	12.66	
WHINLE SIZE  WITTER  WE SELVE THE THE TOTAL LINERIA R  WE SELVE SELVE THE THE THE THE R  WE SELVE SELV		AREA	5.38	5.44	5.63	69.5	5.15	5.81	2.94	6.13	6.13	6.31	6.38	9.44	6.50	6.63	6.63	6.84	6.88	7.00	2.06	7.13	7.16	7.31	7.31	7.47	7.63	7.69	2.	7.80	90.0	8.22	8.31	9.44	00.0			52	9.31	9.41	9.63	69.6	9.72	9.75	
### SECTION HODULUS  ### STEE ### PFT 2PL ZFL INERTIA R  ### STEE		YF	11.4	9.3	10.3	7:4	10.2	9.3	10.3	7.4	10.2	9.5	15.1	8.3	10.2	10.1	15.1	12.0	15.1	7:	10.1	15.1	15.0	9.1	11.9	12.0	10.0	11.9	16.0	7.6	11.6	11.7	1:4	11.8		13.6	11.7	11.6	13.5	13.6	7.4	13.4	13.6	11.6	
90NINAL SIZE  WYFFT ZPL ZPL INERTIA  KX 3313/ 55631 18.29 254.9 35.2 358.0  5X 3313/ 55017 19.14 262.9 37.8 388.6  XX 3313/ 55017 19.35 184.7 32.9 244.1  5X 3313/ 55017 19.35 184.7 32.9 244.1  5X 3313/ 55017 19.35 184.7 32.9 24.6  XX 3313/ 55017 19.75 266.2 33.2 339.2  XX 3313/ 55017 19.75 266.2 33.2 334.6  XX 3313/ 55017 21.69 313.2 42.9 41.0  XX 3313/ 55017 21.69 313.2 42.9 41.0  XX 3313/ 55017 21.69 313.2 42.9 41.0  XX 3313/ 55017 22.64 276.9 41.5 344.8  XX 3313/ 55017 22.64 276.9 41.5 344.8  XX 3313/ 55017 22.54 324.4 45.5 59.8  XX 3313/ 55017 22.54 324.8 55.0 667.0  XX 3313/ 55017 22.64 344.7 51.5 623.0  XX 3375/ 55017 22.64 344.7 51.5 623.0  XX 3375/ 55017 22.64 344.3 55.0 667.0  XX 3375/ 55017 22.64 346.3 55.0 667.0  XX 3375/ 55017 22.64 346.3 55.0 667.0  XX 3375/ 55017 22.64 346.3 567.0 667.0  XX 3375/ 55017 22.64 365.0 56.0 320.0  XX 3375/ 55017 22.64 365.0 67.7 800.0  XX 3375/ 55017 22.64 365.0 67.7 800.0  XX 3375/ 55017 22.64 365.0 67.7 800.0  XX 3375/ 55017 22.64 367.0 56.0 67.5 800.0  XX 3375/ 55017 22.64 367.0 56.0 70.0 70.0 100.0  XX 3375/ 55017 22.64 36.0 70.0 70.0 100.0  XX 3375/ 55017 32.9 56.0 70.0 100.0  XX 3375/ 55017 32.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 7		46	1.4	1.4	1.5	1.3	1.5	1.5	1.5	1.4	1.6	1.5	1.6	1.5	1.6	1.7	1.7	1.7	1.8	1.5	1.7	1.8	1.6	1.7	1.8	1.9	1.8	1.9		1	2.0	2.0	1.6	2.1		2.3	2.2	2.2	2.3	2.3	1.6	2.4	5.4	5.4	•
SECTION HODULUS  4X 3137 563T 10.50 231.3 34.7  5X 3137 563T 10.55 266.2 39.2  5X 3137 563T 20.20 273.9  5X 3157 663T 20.20 273.9  5X 3757 665T 20.20 376.0  5X 3757 665T 20.20 376.0  5X 3757 669T 20.20  5X		œ	5.6	5.5	2.7	2.2	2.8	5.6	2.8	2.2	5.9	2.7	3.1	5.5	3.0	3.0	3.2	3.3	3.3	2.4	3.1	3.4	3.4	3.0	3.4	3.5	3.3	3.6	3.0	2.5	3.7	3.7	5.5						4.2	4.3	2.7	*:4	4.4	4:1	
NOMINAL SIZE  4X 313/ 4581 18.29 254.9 35.2  5X 313/ 4581 18.29 254.9 35.2  5X 313/ 4581 18.50 231.3 34.7  5X 313/ 4581 19.55 262.9 37.8  5X 313/ 4581 19.55 262.9 37.8  5X 313/ 4581 19.55 262.9 37.8  5X 313/ 5601 19.55 262.8 38.2  5X 313/ 5601 19.55 262.8 38.2  5X 313/ 5601 19.55 262.8 38.2  5X 313/ 5601 20.20 273.9 41.0  7X 313/ 5601 20.20 273.9 41.0  7X 313/ 5601 20.20 273.9 41.0  7X 313/ 5601 20.20 273.9 42.0  7X 313/ 5601 20.20 20.20 40.0  7X 315/ 5601 20.20 360.2 40.0  7X 315/ 5601 20.20 360.2 60.0  7X 315/ 5601 20.20 360.2 60.0  7X 315/ 5601 20.20 360.0 50.0  7X 315/ 5601 20.00 30.0 30.0 50.0  7X 315/ 5601 20.00 30.0 50.0  7X 316/ 5601 20.00 30.0 50.0  7X 317/ 5001 20.00 50.0  7X 318/ 5001 30.0		INERTIA		322.7	388.6	244.1	399.2	354.5	451.5	268.1	438.5	394.8	513.1	344.8	476.9	487.1	6.645	578.6	586.9	298.5	530.9	655.9	623.8	476.1	645.5	667.6	585.5	695.6	7 302	329.2	747.3	766.6	353.1	800.0	9629.9	974.8	886.2	902.2	1011.6	1033.9	407.0	1076.9	1090.6	970.1	
NOMINAL SIZE  4x 313/ *5631 18.29  5x 313/ *5631 18.29  5x 313/ *5631 19.55  6x 313/ *5601 19.15  5x 313/ *5601 19.75  5x 313/ *5601 19.75  5x 313/ *5601 19.75  5x 313/ *5601 19.75  5x 313/ *5601 20.64  7x 313/ *5601 21.69  7x 313/ *5601 22.64  7x 315/ *5601 22.99  7x 315/ *5601 22.99  7x 315/ *5601 20.00  7x 315/ *5601 20	HODOLUS	ZFL	35.2	34.7	37.8	32.9	39.5	38.2	41.0	36.1	43.1	42.9	42.5	41.5	46.9	48.3	45.5	48.3	48.6	40.3	25.8	51.5	52.1	52.3	54.1	55.0	28.8	28.7	23.0	44.6	63.1	65.3	47.8	67.7	61.5	71.7	75.8	77.8	75.1	76.1	55.2	80.2	900	83.9	
WOMINAL SIZE  4X 3137 -5531 18.29  5X 3137 -5531 19.35  6X 3137 -5531 19.55  6X 3137 -5531 19.55  6X 3137 -5631 19.55  6X 3137 -5631 20.84  7X 3137 -6651 31.89  7X 3137 -6651 31.89  7X 3137 -6651 31.89  7X 3137 -6651 31.89	SECTION	ZPL	254.9	231.3	562.9	184.7	266.2	242.8	273.9	193.9	278.8	255.5	313.2	229.9	2.062	292.5	324.4	332.3	335.0	203.0	304.1	344.7	344.3	277.9	348.7	355.2	316.6	361.3	262.2	211.5	372.8	376.3	218.6	383.5	201.9	433.2	399.1	401.1	439.6	2.444	231.8	451.4	454.1	412.3	
######################################			18.2	18.5	19.1	19.3	19.5	19.75	20.20			21.45	21.69	21.90	22.10	22.54	22.54	23.26	23.39	23.80	24.00	54.24	54.34	54.85	54.85	25.40	25.94	26.15	26.45	26.79	27.40	27.95	28.25	28.70	20.00	30.91	30.91	31.45	31.65	31.99	32.74	32.95	33.05	33.15	
<u> </u>		32	. 563T	.438T	.500T	. 500T	.438T	.5005	. 563T	. 563T	. 500T	. 500T	1694.	.563T	. 563T	.500T	.531T	1694	1465	.625T	.563T	.656T	.531L	. 563T	1694	1465.	. 5631	. 531T	1020	.688T	1965	.531T	.750T	1959	- 5341	1765	.656T								TOOD
		NAL SI	.313/	.313/	.313/	.313/	.313/	.313/	.313/	3	31	3/	15	3/	3	3/	21	21	21	2	3	2	21	3/	21	15	3	15	,	1	15	15	18	25			21	15	10	10	6	10	2	15	./2
		HOM																																											

	SHEAR	AREA	6.97	96.9		66.9	6.97	6.94	5.21	8.92	66.9	96.9	6.97	6.92	8.99	6.12	66.9	9.96	8.92	5.86	6.99	9.07	6.12	96.8	66.9	66.9	9.07	8.96	66.9	6.54	8.99	96-8	11.21	9.07	11.54	9.67	11.24	8.99	11.21	8.87	9.07	11.24	11.21	11.41	11.33	11.24	
*****	ANGE	THICK	.656	.594	.656	.719	.656	.594	1.000	.594	.719	.656	.656	.594	.719	.719	.719	.656	.594	1.125	.719	.875	.719	.656	.719	.719	.875	.656	.719	1.258	.719	.656	.656	.875	62.	875	.719	.719	.656	.875	.875	.719	.656	1.000	.875	.719	
IONS	FLA	HIOTH	9-00	7.00	9.00	6.00	7-00	8- 60	7.80	5.00	7-80	5.11	8-00	6.00	2.00	9.00	9-11	6.00	7-00	7.80	6.00	5.10	10-00	7.00	9.00	7.00	9-00	9.00	10-00	7.80	9-00	9.80	6. 0	2.00		8	7-00	10.00	9.00	10.00	9.80	8.00	9.0	6. 8	7.00	9.00	
DIMENSIONS	WE8	THICK	.438	.438	.375	.438	.438	.438	.563	.500	.638	.500	438	.580	.500	.438	.438	.500	. 500	.625	. 500	.500	.438	.500	.438	.500	.500	.500	.438	.688	.500	.500	.563	.500	200	200	.563	.500	.563	.500	.500	.563	.563	.563	.563	. 563	
SEAH BEAH		DEPTH	14.66	14.59	12.66	14.72	14.66	14.59	9.00	16.59	14.72	16.66	14.66	16.59	16.72	12.72	14.72	16.66	16.59	6.13	16.72	16.88	12.72	16.66	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	18.66	16.88	10.72	16.88	18.72	16.72	18.66	14.88	16.88	18.72	18.66	19.00	18.88	18.72	
*****		AREA	10.06	10.28	10.41	10.44	10.72	10.88	10.94		11.16	11.28	11.38	11.56	11.59	11.72	11.88	11.94	12.16	12.25	12.31	12.38	12.44	12.59	12.59	13.03	13.25	13.25	13.31	13.56	13.75	13.91	14.06	14.13	14.	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13	16.25	16.59	
		YF	13.4	13.3	11.4	13.4	13.3	13.2	7.4	15.2	13.2	15.1	13.1	15.0	15.1	11.3	13.1	15.0	14.9	7.4	14.9	15.1	11.2	14.8	12.9	14.8	14.9	14.7	12.8	1:4	14.6	14.5	16.5	14.7	10.4		16.2	14.3	16.1	12.5	14.3	16.1	16.0	16.3	16.1	15.9	
		Y.	5.5	5.5	2.5	5.6	5.6	2.7	1.9	2.7	2.7	2.8	2.8	2.8	2.8	2.7	5.9	5.9	3.0	2.0	3.0	3.0	8.2	3.1	3.0	3.2	3.3	3.3	3.2	2.1	3.4	3.4	3.4	3.5	2 .	3.7	3.7	3.7	3.8	3.6	3.9	3.9	4:0	4.0		;	
		œ	4.5	4.5	4.3	4.6	4.7	4.7	2.8	4.9		5.0		5.1	5.1	*:	2.0	2.5	5.3	6.2	5.3	5.4	4.6	5.4	5.1	5.5	2.6	2.6	5.3	3.1	2.1	2.1	2.9	2.8		6.0	6.3	6.0	6.3	9.6	6.2	4.9	6.5	6.5	9.9	9.9	
		INERTIA	1147.3	1180.9	1051.5	1214.6	1258.4	1281.5	459.5	1377.2	1335.8	1447.5	1367-1	1506.7	1519.0	1149.7	1452.7	1591.2	1634.4	511.7	1674.6	1697.4	1236.1	1729.7	1567.7	1825.7	1991.7	1865.8	1679.3	563.9	1973.8	2000-1	2145.4	2002	2007	2237.1	2431.9	2258.7	2482.3	1905.1	2407.8	2610.2	2643.3	2696.7	27175	2784.9	
	MODULUS	ZFL	85.4	88.7	92.0	9006	1.46	97.3	62.4	90.9	100.9	95.6	184-1	100.4	100.4	101.6	111.0	106.3	110.0	69.5	112.1	112.6	110.5	116.8	121.2	123.6	126.6	127.3	131.4	76.7	135.2	137.9	130.3	140.7	137.0	154.7	149.8	158.3	154.0	156.6	168.8	162.6	165.7	165.9	168.7	175.4	
	SECTION	ZPL	462.7	467.3	423.8	473.0	4.78.7	481.4	243.1	512.5	4.89.4	523.1	492.7	531.0	533.3	433.5	503.3	542.3	547.2	253.3	553.0	556.6	443.6	558.9	515.7	6.695	576.9	573.6	9.925	262.6	584.8	586.8	622.2	594.4	655.5	619.4	650.7	9.609	654.6	548.7	652.5	666.1	4.899	4.519	676.1	6.089	
		HT/FT	34.20	34.95	35.39	35.50	36.45	36.99	37.20	37.30	37.94	38.35	38.69	39.30	39.41	39.85	40.39	40.60	41.34	41.65	41.85	42.09	42.30	42.81	42.81	44.30	45.05	45.05	45.25	46.10	46.75	47.29	47.80	*0.04	10.00	51.00	51.54	51.65	52.29	53.55	53.99	53.99	54.50	54.84	55.25	56.41	
		SIZE	.656T	1965.	.6567	.719T	.656T	1465.		1965·	1917.	.656T	.656T	1465°	.719T	1617.	.719T	.656T	1465 ·	.125T	.719T	.875T	.719T	.656T	.719T	.719T	.875T	.656T	.7191	.250T	.719T	.656T	.6567	1678	7191	1878	1617.	71197	.656T	1878.	.875T	.719T	.656T	1.000T	.875T	.7191	
			.438/			.438/		-	.563/1	-5007	.438/		438/	2007	.500/	.438/	.438/	-500/	1005.	.625/1		-500/	1984	.500/	. 438/	1005	.5007		. 438/		2005	.5007	.563/		1007		563/	2007		1005.	1005.	.563/	.563/	•		.563/	
		NON	×9	×	X6	¥9	×	8 X	*	2×	X	5×	8×	¥9	2X	X6	8×	<b>8</b> ×9	×	×	×9	2X	10×	1×	86	×	¥9	×	1 0x	7X	8 X	×6	6×	×	2 2	8 X	XX	10x	×	14X10X	×6	×	<b>3</b> 6	¥9	×	*	
			14×	14×	12X	14X	14X	14X	X.	16X	1 4X	16X	16X	16X	16X	12X	14X	16X	16X	X	16X	16X	12X1	16X	14X	16×	16X	16×	14×	X	16X	16X	18%	16x	101	16X	18X	16X	18X	14X	16×	18X	18X	18X	18×	18X	

1.250 IN. PLATE (AREA = 46.88 SQ.IN.)

1.250 IN. PLATE (AREA= 46.88 SQ.IN.)

NOTE NATE   SECTION HOUSE   SECTION   SECTIO									****	*** BEAN	M DIMENSIONS	SIONS	******	
NOW SOLVEY STATES NOW THE TARK NOW THAT STATES			SECT ION	HODOLUS							MEB	7.	INGE	SHEAR
0. 5637	NOMINAL SIZE	-	ZPL	ZFL	INERTIA	~	4	AF	AREA	DEPTH	THICK	MIDIM	THICK	AREA
10. *563, *7191         6.0 * 6.2 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0 * 6.0			633.9	182.7	2571.6	4.9	4:1	-	16.75	16.88	. 500	10.00	.875	9.07
1X	•		692.5	188.3	2957.1	8.9	4.3	-	17.31	18.72	.563	10-00	.719	11.24
10. *653.** 0774         65.45         73.1.**         55.3         4.8         15.3         110.**         65.3         110.**         65.3         110.**         65.3         110.**         65.3         110.**         65.3         110.**         65.3         12.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**         15.**	•	:	8.602	201.5	3178.6	7.0	4.5		16.13	19.00	. 563	9.00	1.1	11.40
0x         5537,1201         68,44         736,1         237,2         372,1         7,4         4,9         15,3         20,1         15,1         26,5         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,3         16,0         55,0         17,5         22,1         56,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0         17,0         56,0	•	-	729.3	231.0	3531.3	7.3		m	19.75	18.88	.563	11.00	.875	11.33
2X	•	94.89	736.1	237.2	3632.3	7.4	6.9	-	20.13	19.00	. 563	10-00	1.006	11.40
9X 6657/11257 72.69 739.3 244.1 374.1 7.4 5.1 15.3 21.38 19.13 .625 9.0 1	•	70.14	739.1	246.4	3720.0	1:4	5.0	-	20.63	18.88	.563	12-00	.875	11.33
9X 666/ 6751 757 75.65 682.1 257.0 454.0 8.1 5.5 17.7 22.31 21.08 668 9.00  8X 666/11.257 79.78 945.9 278.9 4799.5 8.3 5.7 17.5 23.4 6 22.13 668 10.00  8X 666/ 6751 84.80 855.3 292.8 578.9 4791.0 8.4 5.9 17.2 24.06 22.13 668 11.00  8X 666/ 6751 84.80 855.3 310.7 529.8 5731.0 8.6 6.1 17.0 24.9 6 22.13 6.6 8 11.00  8X 666/ 6751 84.80 859.5 310.7 529.4 8.6 6.1 17.0 24.9 6 22.13 6.6 8 10.00  8X 666/ 6751 84.80 859.5 310.7 529.4 8.6 6.1 17.0 24.9 6 22.13 6.6 8 10.00  8X 666/ 6751 84.80 859.5 310.7 529.4 9.7 6.3 16.0 25.8 1 21.0 8 6.6 1 17.0 24.9 6 21.0 8 6.0 1 17.0 24.9 6 21.0 8 6.0 1 17.0 24.9 6 21.0 8 6.0 1 17.0 24.9 6 21.0 8 6.0 1 17.0 24.9 6 21.0 8 6.0 1 17.0 24.0 8 75.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1 10.0 1	. x6	72.69	739.3	244.1	3740-1	7.4	5.1	m	21.38	19.13	.625	9.00	1.125	12.74
0. 6067, 0.0757         70. 85 945.9         278.9         4799.5         8.3         5.7         17.6         23.49         22.13         6.6         17.6         23.49         22.13         6.6         17.6         23.49         22.13         6.6         10.0         6.4         5.9         17.2         24.46         22.13         6.6         10.0         6.4         5.9         17.2         24.46         22.13         6.6         10.0         17.2         24.46         22.13         6.6         10.0         17.2         24.6         6.2         17.2         24.6         6.0         10.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0 </td <td>. xe</td> <td>75.85</td> <td>832.1</td> <td>257.0</td> <td>4541.0</td> <td>9.1</td> <td>5.5</td> <td>~</td> <td>22.31</td> <td>21.88</td> <td>.688</td> <td>9-00</td> <td>.875</td> <td>15.91</td>	. xe	75.85	832.1	257.0	4541.0	9.1	5.5	~	22.31	21.88	.688	9-00	.875	15.91
0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td>.688/</td> <td>78.85</td> <td>845.9</td> <td>274.9</td> <td>4799.5</td> <td>8.3</td> <td>5.7</td> <td>5</td> <td>23.19</td> <td>21.88</td> <td>.688</td> <td>10-00</td> <td>.875</td> <td>15.91</td>	.688/	78.85	845.9	274.9	4799.5	8.3	5.7	5	23.19	21.88	.688	10-00	.875	15.91
1X .666/ .67ff 61.60 656.3 292.6 5556.4 6.4 5.9 17.2 24.66 21.60 .668 11.00 9X .666/1.1257 65.2 21.60 .668 12.00 9X .666/1.1257 65.2 21.60 .668 12.00 0X .666/1.1257 65.2 21.60 .668 12.00 0X .666/1.1257 65.2 21.60 .668 12.00 0X .666/1.1257 65.2 12.60 .668 12.00 0X .666/1.1257 65.2 12.60 .668 12.00 0X .666/1.1257 65.2 12.60 .668 12.00 0X .666/1.1257 67.2 12.60 .668/1.2 12.00 .656/1.2 12.00 .668/1.2 12.00 0X .751/1.1257 99.95 97.7 12.60 .656/1.9 99.6 6.0 19.6 27.01 25.13 .668/1.2 12.00 0X .751/1.1257 99.95 99.75.7 656/1.9 99.6 6.0 19.6 27.01 25.13 .675/1.1257 99.99 1001.0 376.0 776/1.5 77.1 19.0 27.0 25.13 .751/1.12 10.00 0X .751/1.1257 99.95 1001.0 376.0 776/1.5 99.6 6.0 19.0 27.0 12.0 27.0 12.0 12.0 0X .751/1.1257 99.89 1001.0 376.0 776/1.5 99.7 7.1 19.0 27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	.688/1	19.70	853.9	278.5	4910.0	4.0	5.8	9	23.44	22.13	.688	9-00	1-125	16.09
9X		81.80	858.3	292.8	5050.4	4.0	5.9	17.2	24.06	21.88	.688	11.00	.875	15.91
ZX         666/ 1075         666/ 1075         666/ 1075         666/ 1075         666/ 1075         666/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/ 1075         675/	. X6	83.50	869.3	301.3	5231.0	8.6	9.0	17.4	24.56	22.13	.688	9.00	1.125	16.89
UX .600/1.1257         B7.35         B02.0         324.0         5541.5         0.7         6.3         17.1         25.6         22.13         .686         10.0           3X .660// .0757         90.95         3520.4         6.7         6.3         16.6         25.61         21.6         25.61         10.0         6.7         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         <	.688/	84.80	869.5	310.7	5295.1	9.6	6.1	17.0	24.94	21.88	.688	12.00	.875	15.91
3X 6884 8757 8775 8775 8787 328.3 5530.4 8.7 6.3 16.8 25.81 21.88 6.68 135.88 1X 1257 91.89 95.5 935.6 6528.4 9.4 6.7 19.4 26.75 24.88 7.75 18.88 1X 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75 18.88 7.75		87.35	862.8	324.0	5541.5	8.7	6.3	17.1	25.69	22.13	.688	10.00	1.125	16.09
0X         750/ .0757         99.95         975.7         335.0         6520.4         9.4         6.7         19.4         26.75         24.00         .750         10.00           0X         .750/1.1257         91.0         93.9         9.5         6.0         19.6         27.00         25.13         .750         11.0           0X         .750/1.1257         91.0         100.0         355.4         7061.5         9.7         7.1         19.2         27.03         25.13         .750         11.0           0X         .750/1.1257         95.9         1001.0         376.4         7061.5         9.7         7.1         19.0         29.03         24.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0         7.0		87.75	879.7	328.3	5530.4	8.7	6.3	16.8	25.81	21.88	.688	13.00	.875	15.91
0x         750/1.1257         91.00         963.9         339.7         6661.9         9.5         6.0         19.6         27.00         27.00         27.00         9.0         77.0         19.2         27.6         3         24.0         750         11.00           2x         750/1.0257         95.0         1000.9         355.4         70.0         77.1         19.2         27.63         24.0         770         19.0           2x         750/1.0257         96.0         1000.0         355.4         745.6         9.0         7.1         19.0         26.0         750         10.0           3x         750/1.0257         99.0         1010.0         39.0         745.6         9.0         7.3         19.0         29.2         55.13         750         10.0           3x         750/1.0257         102.0         39.0         745.6         9.0         7.3         19.0         29.0         7.5         15.0         9.0         7.0         10.0         750         10.0         9.0         9.0         7.0         10.0         750         10.0         9.0         9.0         7.0         10.0         750         10.0         9.0         9.0         7.0 <td< td=""><td>.750/</td><td>96.96</td><td>975.7</td><td>335.8</td><td>6528.4</td><td>9.4</td><td>2.9</td><td>19.4</td><td>26.75</td><td>24.88</td><td>.750</td><td>10.00</td><td>.875</td><td>19.68</td></td<>	.750/	96.96	975.7	335.8	6528.4	9.4	2.9	19.4	26.75	24.88	.750	10.00	.875	19.68
1X . 750 / . 8757         93.94 989.2         355.4 7061.5         9.6 6.9 19.2 27.63 24.00         750 11.00           2X . 750 / . 1257         95.64 1000.9         355.4 7061.5         9.7 7.1 19.3 26.13 25.13         750 10.00           2X . 750 / . 1075         95.64 1000.9         355.4 7061.5         9.7 7.1 19.3 26.25         25.13         750 10.00           2X . 750 / . 107.1         95.90 1013.5         396.4 7455.6         9.9 7.3 19.0 29.25         25.13         750 10.00           3X . 750 / . 107.1         90.89 1013.5         396.4 7455.6         9.9 7.3 19.0 29.35         24.00         750 10.00           5X . 750 / . 1257         102.65 925.2 415.3 6701.0         9.3 7.2 16.1 30.19 22.13         750 10.00         15.00           5X . 750 / . 1257         107.10 104.2 6 42.6 80.956.1 10.4 6.1 10.4 6.1 10.3 32.63 25.13         750 12.00         15.00           3X . 750 / . 1257         110.3 4 1054.1 10.4 10.4 10.4 6.1 10.3 32.63 25.13         15.00         15.00           3X . 750 / . 1257         110.3 4 1054.1 10.4 10.4 6.5 11.4 9.2 20.4 37.3 20.5 10.0 10.0         15.00           3X . 750 / . 1257         110.3 4 10.4 10.4 10.4 10.4 10.4 11.4 9.2 20.4 37.3 20.5 10.0 10.0         15.00           3X . 750 / . 1257         110.3 4 10.5 10.4 10.4 10.4 10.4 10.4 10.4 10.4 10.4	•	91.80	983.9	339.7	6661.9	9.6	9.9	19.6	27.00	25.13	.750	9.00	1.125	19.79
9x .750/1.1257 95.64 1000.9 365.4 7061.5 9.7 7.1 19.8 26.13 25.13 .750 9.00   2x .750/1.1257 96.90 1001.8 376.0 7143.1 9.7 7.1 19.0 26.50 24.06 .750 12.00   3x .750/1.1257 99.89 10013.5 394.5 745.4 9.9 7.3 18.6 29.25 25.13 .750 10.00   3x .750/1.1257 102.65 925.2 415.3 6701.8 9.3 7.2 16.1 30.19 22.13 .688 14.00   5x .686/1.1257 102.65 925.2 415.3 6701.8 9.3 7.2 16.1 30.19 22.13 .688 14.00   5x .686/1.1257 102.65 925.2 415.6 6970.1 9.4 7.5 15.9 34.31 22.13 .688 14.00   5x .686/1.1257 102.65 925.2 415.6 6970.1 9.4 7.5 15.9 34.31 22.13 .680 15.00   5x .750/1.1257 102.65 925.2 415.6 6970.1 9.4 7.5 15.9 34.31 22.13 .750 12.00   5x .750/1.1257 102.65 925.2 415.6 6970.1 9.4 7.5 16.9 31.50 25.13 .750 12.00   5x .750/1.1257 102.65 925.2 415.6 6970.1 9.4 7.5 16.9 31.3 25.13 .750 12.00   5x .750/1.1257 102.6 925.2 415.6 6970.1 9.4 7.5 16.9 31.3 25.13 .750 12.00   5x .750/1.1257 110.9 11042.6 64.2 6 8196.5 11.6 9.2 20.6 37.13 28.3   5x .875/1.257 130.95 1197.4 562.4 11242.5 11.6 9.5 20.2 30.63 28.3   5x .875/1.1257 131.34 1200.4 591.0 11262.4 11.5 9.5 20.1 30.75 20.3 .875 11.00   5x .875/1.1257 131.34 1200.4 591.0 1166.5 11.6 9.5 20.1 30.75 20.3 .875 11.00   5x .875/1.1257 131.3 120.9 120.4 619.1 12067.7 11.8 9.9 19.5 40.50 20.3 .875 13.00   5x .875/1.1257 146.7 11340.5 640.3 14139.7 12.5 10.8 52.1 31.3 20.50 20.1 31.3 .875 13.00   5x .875/1.1257 146.7 11340.5 640.3 14139.7 12.5 10.8 52.1 31.5 1.00 10.00 10.00   5x .875/1.1257 146.7 1330.9 54.0 50.2 20.3 45.0 31.3 1.00 10.00 10.00   5x .875/1.1257 146.7 1330.9 1330.9 1300.9 110.9 110.9 110.9 110.9 110.0 110.00 110.00 110.00 110.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00		93.94	2.696	355.8	6838.2	9.6	6.9	19.2	27.63	24.08	.750	11.00	.875	19.60
2X         7507         8751         96.90         1001.0         376.0         7143.1         9.7         7.1         19.0         26.50         24.00         .750         10.0           1X         7507         10.1         9.9         7.3         19.0         29.25         25.13         .750         10.0           3X         7507         10.2         7.5         10.0         9.3         7.5         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0 <td></td> <td>95.64</td> <td>1000.9</td> <td>365.4</td> <td>7061.5</td> <td>2.6</td> <td>7:1</td> <td>19.3</td> <td>28.13</td> <td>25.13</td> <td>.750</td> <td>9.00</td> <td>1.125</td> <td>19.79</td>		95.64	1000.9	365.4	7061.5	2.6	7:1	19.3	28.13	25.13	.750	9.00	1.125	19.79
0x         750/1,1257         99.45         1016.3         391.2         745.4         9.9         7.3         19.0         29.25         25.13         .750         10.0           3x         750/. 40751         99.45         1013.5         396.4         745.4         9.9         7.3         18.6         29.35         24.66         .750         13.00           4x         666/1.1257         102.65         93.5         436.0         6970.1         9.9         7.5         16.1         30.19         22.13         .60         15.00           2x         666/1.1257         106.45         93.5         436.0         6970.1         10.4         6.1         16.3         32.63         25.13         .750         15.00           2x         750/1.1257         10.4         10.4         6.1         16.3         32.63         25.13         .750         15.00           3x         750/1.1257         110.9         10.4         6.5         11.6         9.2         20.6         37.13         .750         13.00           3x         750/1.1257         11.9         11.4         9.2         20.6         37.13         .875         13.00           3x         10.0		96.90	1001.8	376.0	7163.1	9.7	7.1	19.0	28.50	24.08	.750	12.00	.875	19.61
3X         7507         .0757         99.89         1013.5         396.4         7445.4         9.9         7.3         18.6         29.36         275.2         415.3         616.8         13.0         9         7.2         16.1         30.19         22.13         .688         14.0         14.0         14.0         14.3         .688         14.0         15.0         14.0         15.0         14.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0			1016.3	391.2	7451.5	6.6	7.3	19.0	29.25	25.13	.750	10.00	1.125	19.79
\$\text{600} \text{1.1257} \tag{102.65} \text{925.2} \tag{15.3} \text{6701.6} \text{9.3} \text{7.5} \text{16.1} \text{30.19} \text{22.13} \text{.680} \text{14.000} \text{55} \text{55.13} \text{.680} \text{14.000} \text{55.13} \text{.680} \text{.14.000} \text{55.13} \text{.680} \text{.15.00} \text{16.5} \text{.15.9} \text{.25.13} \text{.680} \text{.15.00} \text{.15.00} \text{.25.13} \text{.680} \text{.15.00} \text{.15.00} \text{.10.94} \text{.10.94} \text{.10.94} \text{.10.94} \text{.10.94} \text{.10.95} \text{.10.96} \text{.10.96} \text{.10.96} \text{.10.95} \text{.10.90} \text{.10.95} \text{.10.90} .10.90			1013.5	396.4	7445.4	6.6	7.3	18.8	29.38	24.88	.750	13.00	.875	19.60
5X			925.2	415.3	6701.8	9.3	7.2	16.1	30.19	22.13	.688	14.00	1.125	16.09
2X .750/1.1257         107.10 1042.6         442.6         6196.5         10.2         7.9         16.5         31.50         25.13         .750         12.00           3X .750/1.1257         110.94         1054.1         468.5         10.4         6.1         16.3         32.63         25.13         .750         13.00           9X .675/1.257         126.24         1191.3         529.6         1104.6         9.2         20.6         37.13         28.50         .875         19.00           3X .675/1.2757         127.09         1192.0         537.4         11242.4         11.6         9.2         20.6         37.3         28.30         .875         19.00           3X .675/1.2757         127.0         562.4         11242.4         11.6         9.6         20.2         38.63         28.31         .875         10.00           1X .875/1.2757         131.7         567.5         11406.5         11.6         9.6         19.7         39.36         28.13         .875         11.0         10.00           4X .875/1.2757         131.7         1263.2         11.6         9.6         19.7         39.36         28.13         .875         11.0         10.0           5X .1.6         1		106.45	933.5	436.0	6970-1	4.6	7.5	15.9	31.31	22.13	.688	15.00	1.125	16.19
3X .750/1.1257 110.94 1054.1 468.5 0556.1 10.4 0.1 18.3 32.63 25.13 .750 13.00 13.00 1X .875/1.5017 126.24 1191.3 529.6 110919.8 11.4 9.2 28.6 37.13 28.51 .875 19.00 10.00 10.00 11.2 11.4 9.2 28.6 37.13 28.51 .875 19.00 10.00 10.00 11.2 12.00 1192.0 537.4 110975.5 11.4 9.2 28.4 37.36 28.36 .875 19.00 10.00 10.00 11.3 13.34 120.7 562.4 1124.2 11.6 9.4 20.0 38.25 28.13 .875 13.00 11.0 11.0 11.0 11.0 11.0 11.0 11.	•	107.10	1042.6	442.6	8196.5	10.2	7.9	18.5	31.50	25.13	.750	12-00	1.125	19.79
9x	3x .	110.94	1054.1	468.5	8556.1	10.4	9.1	18.3	32.63	25.13	.750	13.00	1.125	19.79
.075/1.3751 127.09 1192.0 537.4 110975.5 11.4 9.2 20.4 37.36 26.36 .075 10.00 .075/1.3751 127.09 1192.0 537.4 110975.5 11.4 9.2 20.4 36.25 26.13 .075 13.00 .075 13.00 .075/1.3571 131.34 1207.4 562.4 11242.4 11.5 9.4 20.6 36.25 26.3 .075 13.00 .075/1.3751 131.34 1207.8 572.1 11503.3 11.6 9.5 20.1 36.75 26.36 .075 11.00 .075/1.4251 133.69 1209.4 591.0 11663.7 11.6 9.6 19.7 39.36 26.13 .075 14.00 .075/1.4251 137.70 1220.4 619.1 12067.7 11.6 9.6 19.5 40.50 26.13 .075 14.00 .075/1.4251 137.70 1220.4 619.1 12067.7 11.6 9.9 19.5 40.50 26.13 .075 15.00 .075/1.3751 146.75 1340.5 640.3 1313.9 12.1 10.5 19.3 43.13 28.50 .075 13.00 10.00 11.00 11.3751 153.04 153.04 157.0 125.0 14744.3 12.7 10.9 21.0 45.13 31.35 1.000 110.00 11.00 11.00 11.7501 161.50 1359.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 10.00	×6	126.24	1191.3	8-625	10909.8	11.4	9.2	50.6	37.13	28.50	.875	9-00	1.500	26.03
.075/1.1257 130.05 1197.4 562.4 11242.4 11.5 9.4 20.6 36.25 28.13 .875 13.80 .875/1.500 131.34 1200.7 567.5 11480.5 11.6 9.5 20.2 30.63 28.50 .875 10.00 .875/1.3757 131.75 1200.5 572.1 11503.5 11.6 9.5 20.2 30.63 28.30 .875 11.00 .875/1.3757 133.89 12209.4 591.0 11663.7 11.6 9.6 19.7 39.38 28.13 .875 14.00 .875/1.4257 137.70 1220.4 591.0 11663.7 11.6 9.9 19.5 40.50 28.13 .875 14.00 .875/1.500 146.6 1251.4 680.5 13113.9 12.1 10.5 19.3 43.13 28.50 .875 13.00 10.00 10.00 11.3757 148.75 1340.5 640.3 14139.7 12.5 10.5 19.3 43.13 28.50 .875 13.80 10.00/1.5757 153.04 1576.4 1476.2 3 12.7 10.9 21.0 45.13 31.35 1.000 110.00 11.000/1.7507 161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 10.00		60.2	1192.0	537.4	10975.5	11.4	9.5	20.4	37.38	28.38	.875	10.00	1.375	25.93
.875/1.5707 131.34 1208.7 567.5 11488.5 11.6 9.5 20.2 38.63 28.50 .875 11.000 .875/1.3757 131.75 1207.8 572.1 11503.3 11.6 9.5 20.1 38.75 28.36 .875 11.000 .875/1.3757 133.89 1209.4 591.0 11653.7 11.6 9.6 19.7 39.38 28.13 .875 14.00 .875/1.4257 137.89 1209.4 591.0 11653.7 11.6 9.6 19.7 39.38 28.13 .875 14.00 .875/1.6507 146.64 1251.4 680.5 13113.9 12.1 10.5 19.5 40.50 28.13 .875 15.00 10.000/1.3757 148.75 1340.5 640.3 1413.9 12.1 10.5 12.2 13.75 31.38 1.000 10.00 10.00 11.000/1.3757 153.64 1358.1 678.4 14762.3 12.7 10.9 21.8 45.13 31.38 1.000 11.00 11.00 11.000/1.7507 161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 10.00		9.00	1197.4	562.4	11242.4	11.5	9.6	20.0	38.25	28.13	.875	13.00	1-125	25.71
.875/1.3757 131.75 1207.8 572.1 11503.3 11.6 9.5 20.1 36.75 28.36 .875 11.00 .875/1.1257 133.89 1209.4 591.0 11663.7 11.6 9.6 19.7 39.38 28.13 .875 14.00 .875/1.1257 137.70 1220.4 619.1 12067.7 11.8 9.9 19.5 40.50 28.13 .875 15.00 .875/1.5007 146.64 1251.4 680.5 13113.9 12.1 10.5 19.3 43.13 28.50 .875 15.00 1.000/1.3757 146.75 1340.5 640.3 14139.7 12.5 10.5 22.1 43.75 31.36 1.00 10.00 1.000/1.3757 153.04 1359.0 673.2 14744.3 12.7 10.9 21.9 45.00 31.51 1.00 11.00 1.000/1.3757 153.04 1358.1 678.4 14762.3 12.7 10.9 21.8 45.13 31.38 1.800 11.00 1.000/1.7507 161.50 1392.9 738.5 15926.4 13.0 11.0 21.6 47.50 31.75 1.000 10.00		1.34	1200.7	567.5	11486.5	11.6	9.5	2002	30.63	28.50	.875	10.00	1.500	26.03
.875/1.1257 133.89 1209.4 591.0 11663.7 11.6 9.6 19.7 39.36 28.13 .875 14.00 .875/1.1257 137.70 1220.4 619.1 12067.7 11.6 9.9 19.5 40.50 28.13 .875 15.00 .875 15.00 .875/1.500 146.64 1251.4 680.5 1313.9 12.1 10.5 19.3 43.13 28.50 .875 15.00 1.000/1.3757 146.75 1340.5 640.3 14139.7 12.5 10.5 22.1 43.75 31.38 1.000 10.00 10.00 10.00 10.00 11.000/1.3757 153.00 1359.0 673.2 14744.3 12.7 10.0 21.9 45.00 31.59 1.000 10.00 10.00 10.00 10.00/1.7507 161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 10.00		1.75	1207.8	572.1	11503.3	11.6	9.5	20.1	38.75	28.38	.875	11-00	1.375	25.93
137.70 1220.4 619.1 12067.7 11.8 9.9 19.5 40.50 28.13 .075 15.00 1146.64 1251.4 680.5 1313.9 12.1 10.5 19.3 43.13 28.50 .075 13.00 1146.75 1340.5 640.3 14139.7 12.5 10.5 22.1 43.75 31.36 1.000 10.00 1153.00 1359.0 673.2 14744.3 12.7 10.0 21.9 45.00 31.50 1.000 10.00 1153.44 1356.1 675.4 1476.2 3 12.7 10.9 21.8 45.13 31.50 1.000 11.000 1161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 11.00		3.89	1209.4	591.0	11663.7	11.6	9.6	19.7	39.38	28.13	.875	14.00	1-125	25.71
146.64 1251.4 688.5 13113.9 12.1 10.5 19.3 43.13 28.50 .875 13.80 1148.75 1340.5 640.3 14139.7 12.5 10.5 22.1 43.75 31.36 1.000 10.00 11.00 1153.00 1359.00 1359.0 673.2 14744.3 12.7 10.8 21.9 45.00 31.50 11.000 10.00 1153.44 1356.1 675.4 14762.3 12.7 10.9 21.8 45.13 31.36 1.000 11.000 1161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 1		7.70	1220.4	619.1	12067.7	11.8	6.6	19.5	40.50	28.13	.875	15.00	1-125	25.71
148.75 1340.5 640.3 14139.7 12.5 10.5 22.1 43.75 31.38 1.000 10.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.00 153.0		99.9	1251.4	6.009	13113.9	15.1	10.5	19.3	43.13	28.50	.875	13.00	1.500	26.03
153.08 1359.0 673.2 14744.3 12.7 10.8 21.9 45.08 31.58 1.088 10.88 153.08 153.44 1358.1 678.4 14762.3 12.7 10.9 21.8 45.13 31.38 1.80 11.80 11.80 1161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 1	X10X1.000/1.375T	8.75	1340.5	640.3	14139.7	12.5	10.5	22.1	43.75	31.38	1.000	10.00	1.375	32.63
153.44 1358.1 678.4 14762.3 12.7 10.9 21.8 45.13 31.38 1.800 11.00 1161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 1	X10X1.000/1.500T	3.00	1359.0	673.2	14744.3	12.7	10.8	21.9	45.00	31.50	1.000	10.00	1.500	32.75
161.50 1392.9 738.5 15926.4 13.0 11.4 21.6 47.50 31.75 1.000 10.00 1	X11X1.000/1.375T	153.44	1358.1	678.4	14762.3	12.7	10.9	21.8	45.13	31.38	1.800	11.00	1.375	32.63
	X10X1.000/1.750T	161.50	1392.9	738.5	15926.4	13.0	11.4	21.6	47.50	31.75	1.000	10.00	1.750	33.00

1.2500 - 1 1/4 in.

	SHEAR	AREA	.57	.70	18.	. 88	.87	1.07	1.25	1.26	1.66	1-43	1.07	1.44	1.26	1.66	1-70	2-17	1.95	2.19	2.42	2.17	2.20	2.44	2.42	2.45	1.94	2.44	2.19	1.95	54.2	2.44	2.28	1.95	5.45	3.37	2.20	3.39	3.68	2.45	3.37	3.40	3.70	3.68	3.42	3.72	3.70
*****	16E	THICK	.188	.188	.250	.313	.250	.313	.250	.313	.313	250	.313	.313	.313	.313	.638	.313	-638	.375	.313	313	.638	.375	.313	.438	.375	.375	.375	.436	.430	.375	.430	.438	.430	.375	.438	.438	.375	.438	.375	.500	.430	.375	.563	.500	.438
TONS	FLANGE	HIOTH	2-00	2-00	2.00	2-00	3-00	2-00	2.00	2-00	2-00	3-00	00-7	3.00	6- 80		3-00	3-00	3-00	3.00	3-00	4- 80	3-00	3.00	4.00	3.00	5.00	4-00	2-00	5.80	** 00	2.00	2.00	9	2.00	4. 6	6-00	;	:;	6.00	5.80	::	4-00	5.11	4-00	**	2.00
DIMENSIONS	ME8	THICK	.125	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.250	.313	.313	.250	.313	.313	.313	.313	.313	.313	.313
*** BEAN		DEPTH	3.19	4.19	3.25	3.31	3.25	4.31	5.25	5.31	6.31	6-25	4.31	6.31	5.31	6.31	5.44	7.31	6.44	7.38	8.31	7.31	7.66	8.38	8.31	9.44	6.38	6.38	7.38	6.44	9.44	8.38	7.44	9.44	9.44	9.38	7.44	9.44	10.38	8.44	9.38	9.50	10.44	10.38	9.56	10.50	10.44
****		AREA	.75	. 88	1.06	1.19	1.31	1.38	1.44	1.56	1.75	1.88	2.00	2.06	2.19	2.38	2.56	2.69	2.81	2.88	2.94	3.00	3.06	3.13	3.25	3.31	3.38	3.50	3.63	3.69	3.75	3.88	3.94	4.13	4.19	4.31	4.38	4.56	4.63	4.63	69.4	4.81	4.86	5.00	5.06	5.13	5.31
		4	3.8	6.4	3.9	3.9	3.9	6.4	5.8	5.9	6.9	6.8	6.4	8.9	5.8	8.9	2.9	7.7	6.9	7.8	8.7	7.7	7.8	8.7	8.7	8.8	6.8	8.7	7.7	6.8	8.7	9.6	7.7	2.9	8.7	9.6	7.7	9.6	10.5	9.8	9.5	9.6	10.5	10.4	9.6	10.5	10.5
		A A				8.	•	••	•			8.		6.	6.	6.	6	6.	6.	1.0	1.0	1.	1.0	1:0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1:1	1.1	1.1	1.2	1.2	1:1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1:4
		œ	.5	9.	9.	9.	9.	.7			1.0	1.0	6.	1.1	1.0	1.2	1-1	1.3	1.2	1.4	1.5	1.6		1.6	1.6	1.6	1.4	1.7	1.6	1.5	1.8	1.8	1.7	1.6	1.9	2.0	1:0	2.1	2.2	2.0	2.1	2.1	2.3	2.3	2.2	2.4	2.4
		INERTIA	16.3	21.7	19.1	21.0	22.7	29.7	36.7	40.9	55.7	61.1	43.6	69.5	61.4	83.6	67.7	101.0	92.8	112.2	131.8	118.7	123.3	146.2	154.5	160.1	116.9	173.0	155.3	131.3	192.1	2000-5	173.8	150.1	223.3	235.6	198-1	558.6	594.6	254.3	269.0	281.5	322.2	334.6	305.3	350.3	368.3
	HODOL US	ZFL	4.3	4.5	4.9	5.3	6.6	6.0	6.3	7.0	8.1	9.6	9.0	10.2	10.5	12.3	11.4	13.0	13.5	14.4	15.2	15.4	15.7	16.7	17.8	18.2	17.3	19.9	20.2	19.3	22.0	23.2	55.5	22.3	25.8	54.6	25.8	56.9	28.0	59.6	28.2	29.5	30.6	32.0	31.6	33.2	35.2
	SECTION	ZPL	22.5	29.5	25.7	20.0	6-62	38.3	46.5	51.1	67.0	72.2	52.9	80.2	71.1	92.5	76.4	108.0	99.5	117.0	134.0	121.8	125.5	144.5	150.2	154.3	117.6	162.6	147.3	127.5	174.6	179.4	158.9	139.3	192.3	201.€	172.6	214.0	236.9	208.1	219.2	225.7	250.5	256.1	237.2	263.5	271.1
		HT/FT	2.55	5.99	3.60	4.05	4.45	4.69	4.90	5.30	5.95	6.39	6.80	7.00	7.45	8.09	8.70	9.15	9.55		10.00		10.40	10.64	11.05	11.25	11.49	11.90	12.34	12.55	12.75	13.19												17.00			
		ZE	.188T	.188T	.250T	.313T	.250T	.313T	.250T	.313T	.313T	.250T	.313T	.31.31	.313T	.313T	-4.38T	.31.31	.438T	.3751	.31.3T	.3131	.438T	.3757	.31.31	-4361	.375T	.375T	.375T	·438T	.438T	.375T	-4381	.4381	.438T	.375T	.438T	.43BT	.375T	-438T	.375T	.500T	.438T	.375T	.563T	.500T	43
		NAL SIZE	.125/												.188/	.188/	.2501	.250/	.250/	.250/	2507	250/	2507	2507		2507						-250/	-250/												.313/	.313/	31
		NOMINAL	2×	2×	2X	2×	3×	2×	2×	2X	2×		**	3×	×	X*	3×	3	3×	3×						8x 3x									8X 2X		1X 6X				3x 5x			10x 5x			

1.3750 - 1 3/8 in.

	SHEAR	AREA	3.74	3.39	3.72	2.78	3.78	3.40	3.74	2.80	3.72	3.40	5.19	3.11	3.74	3.72	5.21	5.19	5.24	3.38	3.74	92.5	5.21	3.42	5.19	5.24	3.74	5.21	92.5	5.19	3.97	5.21	00.4	5.26	5.24	26.9	66.9	5.26	42.5	91	-	;	•	-	9.56	
*******	-	THICK	.563	.438	.500	.500	.438	.500	.563	.563	.500	.500	694.	.563	.563	.500	.531	694.	.594	.625	.563	959.	.531	.563	694.	.594	.563	.531	.656	694.		.531	.750	.656	*65.	.531	*65.	9690	*65.	.531	.656	.875	165.	.719	.656	
	FLA	WIDTH	4.00	6.00	5.00	7.00	6.00	6.00	0	7.00	6.00	7.00	00-4	7.00	6.00	7.00	4.00	2.00	00-4	7.00	7.00	00-1	2.00	8.00	6-00	2.00	8.00	9.00	2.00	2002		7.00	7.00	6.00	7.00	2.00	2.00	2.00	8.00		2.00	2.00	6.00	2.00	8.00	
DIMENSIONS		THICK	.313	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375		375	.438	.375	.375	.438	.438	.375	.375	684.	.438	.500	.438	.438	.375	
*** BEAN		DEPTH	10.56	9.44	10.50	7.50		9.50	10.56	7.56	10.50	9.50	12.47	8.56	10.56	10.50	12.53	12.47	12.59	7.63	10.56	12.66	12.53	9.56		15.59						12.53		12.66	12.59	14.53	14.59	15.66				7.88	14.59		15.66	
******		AREA	5.38	5.44	5.63	69.5	5.75	5.81	2.94	6.13	6.13	6.31	6.38	9 * * *	6.50	6.63	6.63	9.84	6.88	7.00	7.06	7.13	7.16	7.31	7.31	7.47	7.63	1.69	7.78	2.78	000	8.22	8.31	8.44	8.66	8.78	60.6	60.6	62.6	9.31	9.41	9.63	69.6	9.72	9.75	
		YF	10.6			7.6		9.5	10.5	7.6	10.4	9.6	12.3	8.5		10.3	12.3	12.2	12.3	7.6	10.3		12.2	9.3	15.1	15.2	10.2	15.1	12.2	12.0		12.0	7.6	12.1	12.0	13.9	13.9	12.0	11.9	13.8	13.9	1.6	13.8		11.9	
		4	1.4	1.3	1.4	1.3	1.4	1.4	1.5	1.3	1.5	1.5	1.5	1.4	1.6	1.6	1.6	1.6	1.6	1.4	1.6	1.7	1.7	1.6	1.7	1.8	1.7	1.8		8:	1:2	6.5	1.5		2.0	2.0	2.1	2.1	2.1	2.1	2.1	1.7	2.2	2.2	2.2	
		~	2.5	2.3	5.5	2.0	5.6	5.4	5.6	2.1	2.7	5.6	5.9	2.4	2.8	2.8	3.0	3.1	3.1	2.2	5.9	3.2	3.2	2.8	3.2	3.3	3.1	3.3	3.4	4.5	2	3.5	2.4	3.6	3.6	3.8	3.9	3.7	3.8			5.5	4:1	4.1	3.9	
		INERTIA	378.0	335.0	402.6	255.2	413.6	368.2	436.8	280.3	454.5	410.2	530.5	359.3	494.5	505.1	568.7	598.5	607.1	312.4	551.0	644.5	645.5	4.95.4	665.0	691.1	608.2	720.4	738.1		274.4	794.6	370.1	829.5	856.7	950.1	1009.6	920.0	937.0		1071.4	457.4	1118.6	1130.6	1008.4	
	MODOLUS	ZFL	35.8	35.4		33.6	6	38.8	41.7	36.9	43.8	43.6	43.1	42.3	47.6	49.0	46.2	49.0	49.3	41.1	53.5	52.2	52.9	53.5	24.9	9.95	6	59.5	\$0.09		61.0	66.2	48.8	68.6	71.4	68.4	12.1	16.8	78.8	26.0	1	56.3	81.3	81.4	0.50	
	SECTION	ZPL	275.6	249.8	285.2	199.4	288.2	263.5	4.862	210.3	304.4	279.0	342.5	250.8	318.2	321.2	355.9	365.5	368.7	221.7	335.4	380.3	380.1	306.7	385.5	393.4	351.2	401.0	4.904	403.4	6.36.3	419.7	241.0	428.5	434.1	472.0	4.85.8	448.1	6.054	493.8	4 99 . 3	257.5	208.4	511.6	65	-
		1	.2		7.	.3	.5	-	.2	•		*					.5				24.00					*	•	-	•			27.95						•	•		•	-	•	33.05	-:	•
		ZE	37 .5637	.438T	.500T	.500T	.438T	. 500T	.563T	.563T	.500T	.500T	T694.	.5631	.563T	.500T	.531T	T694.	1965.	·625T	.563T	.656T	.531T	.5631	1694.	1965	.563T	.5311	.6561	1694.	- 5000	5311	.750T	.656T	1965.	.531T	. 594T	.656T	1465.	.5311	1969.	.8751	1965.	.7197	. 65	
		OMINAL SI	.313/	. 313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.313/	.375/	.375/	.3/5/	1964	375/	.438/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	1005.	.438/	.438/	.375/	
		NOM				X XX								8x 7x	×											2x 5x						12X 7X			12x 7x	4X 5X		12x 7x					14x 6x		12x 8x	

CHEAD	AREA	7.02	66.9	5.26	7.05	7.02	66.9	5.28	8.98	7.05	9.02	7.82	8.98	9.05	6-17	7.05	0.02	A. 9.	8.94	96.0	0	21.0	0.17	30.6	7.05	9.05	9.13	9.02	7.05	29.9	9.05	9.02	11.28	9.13	11.31	9.05	9.13	11.31	9.05	11.28	8.13	9.13	11.31	11.28	11.47	11.40	11.31
NGE .	THICK	.656	.594	.656	.719	969.	.594	1.000	.594	.719	.656	.656	.594	719	710	710	454	169	1.126	710			617.	9690	.719	.719	. 875	.656	.719	1.250	.719	969.	959.	.875	.719	.719	.875	.719	.719	.656	.875	.875	.719	969.	1.000	.875	.719
: 4	MIDIM	9009	7.00	9.00	6.00	7.00	00.9	7.00	2.00	7.00	5.00	8-00	9009	5.00	9-00		6-00	2.00	7.00				2000	000	9.00	2.00	6-00	8.00	10.00	7.00	00-9	9.00	6.00	7.00	6.00	9.00	8.00	7.00	10.00	8.00	10.00	9.00	8.00	9.00	6.00	7.00	9.00
DIMENSIONS	THICK	438	.438	.375	.438	.438	.438	.563	.500	.438	.500	438	500	500	438	424	500	500	505			000	000	006.	.438	.500	.500	.500	.438	.688	.500	.500	. 563	.500	.563	.500	.500	.563	.500	.563	.500	.500	. 563	.563	.563	.563	.563
*** BEAY	DEPTH	14.66	14.59	12.66	14.72	14.66	14.59	8.00	16.59	14.72	16.66	14.66	16.59	16.72	12.72	14.72	16.66	16.59			7	1000	16.66	10.00	14.72	16.72	16.88	16.66	14.72	8.25	16.72	16.66	18.66	16.88	18.72	16.72	16.88	18.72	16.72	18.66	14.88	16.88	18.72	18.66	19.00	18.88	18.72
****	AREA	10.06		10.41	10.44	10.72	10.88	10.94	10.97	11.16	11.28	11.38	11.56	11.59	11.72		11.04	12.16	12.25	12 24		000071		16.59	12.59	13.03	13.25	13.25		13.56	13.75	13.91	14.06	14.13	14.44	14.47	15.00	15.16	15.19	15.38	15.75	15.88	15.88	16.03	16.13	16.25	16.59
	4	13.8	13.6	11.8	13.7	13.6	13.5	7.6	15.5	13.6	15.5	13.5	15.4	15.5	11.7		18.4	15.2	2.6		17.0		111.5	15.6	13.3	15.2	15.3	15.1	13.2	1.6	15.0	14.9	16.9	15.1	16.9	14.9	14.9	16.7	14.7	16.6	13.0	14.8	16.5	16.5	16.8	16.6	16.4
	d.	2.3	2.3	2.3	2.4	2.4	5.4	1.8	5.5	2.5	2.5	2.5	2.6	2.6	4.0	2	2.7	2.7					•••		2.8	5.9	3.0	3.0	5.9	2.0	3.1	3.1	3.1	3.2	3.2	3.5	3.3	3.4	3.4	3.4	3.3	3.5	3.5	3.6	3.6	3.6	3.7
	~	4.2	4.3	4.0	4.3	4.4	*:*	2.7	9.4	4.5	1.4	4.6	4.4	8.4	4.2	1	6.4	2.0	2.8					1.0	6.4	2.5	5.3	5.3	5.0	5.9	5.4	5.4	9.6	5.5	2.5	9.6	2.5	5.9	2.1	0.9	5.3	6.6	6.1	2.9	6.2	6.2	6.3
	INERTIA		1225.7	1094.5	1260.9	1307.1	1331.7	483.5	1428.4	1386.7	1502.0	1421.9	1564.3	1577.0	1199.5	1512.5	1653.1	1698.6	530.5	4760.	1754 6	2000	1799 2	7.6611	1634.5	1900.5	1959.4	1943.1	1753.4	295.7	2057.5	2085.7	2233.0	2151.6	2345-2	2210.4	2337.4	2536.1	2361.1	2589.7	2060.4	2520.0	2725.6	2760.9	2816.8	2839.4	2911.7
ACCULATION AND AND AND AND AND AND AND AND AND AN			89.8	93.1	91.8	6.56	98.4	63.6	92.1	102.1	96.9	105.3	101.8	101.8	102.9	112.4	107.6	111.6	70.0				1111.9	7.011	122.7	152.5	128.2	128.9	132.9	78.2	136.9	139.6	132.1	145.4	138.8	148.5	156.6	151.8	160.2	156.0	158.5	170.8	164.7	167.8	168.1	170.9	177.1
SECTION	ZPL	522.5	528.4	479.8	535.4	542.7	2.945	271.8	580.6	556.1	593.6	560.5	603.5	606.3	492.8	677	4.7.6	6.23	284.7	6 20 0	636	2000	2000	630.2	590.0	2.259	660.8	657.0	604.0	296.5	871.2	673.7	713.3	683.0	727.1	687.8	702.2	6.841	702.9	154.0	632.8	719.1	768.2	771.2	779.4	780.5	7.587
	HT/FT		6	m	5			37.20						17.			2	41.34				60.00					-			-	-	47.29						5			r	6	66.		. 84	.25	17
	SIZE	L	1465.	1959.	.719T	.656T	1465.	.00	1465.	1617.	65	65	29	7191	7197	7101	. 656T	. 59 LT		7107	9757	1000	1617	1920	191	1617.	1578.	.656T		1.250T	.719T	.656T	1959.	.875T	.719T	.719T	1578.	.719T	.719T	.656T	1578.	1578.	.719T	.656T	.00	.87	7617.
			.438/	.375/	.438/	.438/	.438/	.563/1	1005.	3	.5007	3	2007	2007	438/	1824	2007	5007	625/1	2007	2007		1004	10000		10000		.5007	.438/	.688/1	1005.	.5007	.563/	.5007	.563/	.5007	1005.	.563/	.5007	.563/	1005.	1005.	.563/	.563/	.563/1	563/	.563/
	NOMINAL	4X 6X	14x 7x	X6	×9	×	8 ×	×	2X	X	6X 5X	×	, X9	5 X	×	×		7.X	**		× × ×		**	3	16x 9x	×	¥9	8×	10×		8 ×	×6		×	¥	X6	×8	×	×	×	X	×	×	18x 9x	18X 6X	×	×

1.3750 - 1 3/8 in.

1.375 IN. PLATE (AREA= 56.72 SQ.IN.)

	SHEAR	AREA	9.13	11.31	11.47	11.40	11.47	11.40	12.82	16.00	16.00	16.17	16.00	16.17	16.00	16.17	16.00	19.69	19.88	19.69	19.88	19.69	19.88	19.69	16.17	16.17	19.88	19.88	26.14	26.04	28.82	26.14	26.04	25.82	28.82	26.14	32.76	32.88	32.76	33.13
*****	NGE	THICK	.875	.719	1.000	.875	1.000	.875	1-125	.875	.875	1.125	.875	1.125	.875	1.125	-875	.875	1.125	.875	1.125	.875	1.125	.875	1-125	1.125	1.125	1.125	1.500	1.375	1-125	1.500	1.375	1.125	1.125	1.500	1-375	1.500	1.375	1.750
TONS	FLANGE	WIDTH	10.00	10.00	8.00	11.00	10.00	12.00	9.00	9.00	10.00	00-0	11.00	9.00	12.00	10-00	13.00	10-00	8-00	11.00	9-00	12.00	10.00	13.00	14-00	15.00	12.00	13-00	9.00	10.00	13.00	10.00	11-00	14.00	15.00	13.00	10-00	10.00	11.00	10.00
DIMENSIONS	MEB	THICK	.500	.563	.563	.563	.563	.563	.625	.688	.688	. 688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.750	.688	.688	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000
** BEAM		DEPTH	16.88	18.72	19.00	18.88	19.00	18.88	19.13	21.88	21.88	22.13	21.88	22.13	21.88	22.13	21.88	24.88	25.13	24.88	25.13	24.88	25.13	24.88	22-13	22.13	25.13	25.13	28.50	28.38	28.13	28.50	28.38	28.13	28.13	28.50	31.38	31.50	31.38	31.75
*****		AREA	16.75	17.31	18.13	19.75	20.13	20.63	21.38	22.31	23.19	23.44	24.06	24.56	24.94	25.69	25.81	26.75	27.00	27.63	28.13	20.50	29.25	29.38	30.19	31.31	31.50	32.63	37.13	37.38	38.25	38.63	38.75	39.38	40.50	43.13	43.75	45.00	45.13	47.50
		YF	14.6	16.2	16.3	15.9	15.9	15.7	15.9	18.3	1.91	18.3	17.9	18.1	17.7	17.8	17.6	20.2	20.4	20.0	20.1	19.8	19.9	19.6	16.9	16.7	19.4	19.1	21.5	21.4	50.9	21.2	21.1	20.7	20.5	20.3	23.1	22.9	22.8	55.6
		YP	3.7	3.9	4.0	4.4	4.5	4.6	4.6	6.4	5.1	5.2	5.3	5.4	5.5	2.1	5.7	6.1	6.1	6.3	4.9	6.5	9.9	1.9	9.9	8.9	7.1	7.4	8.3	4.0	9.6	8.7	8.7	8.8	9.0	9.6	4.6	10.0	10.0	10.5
		~	6.1	6.5	1.9	2.0	7.1	7.1	7.1	7.8	9.0	9.0	8.1	8.2	8.3	9.4	9.4	9.1	9.5	9.3	4.6	9.6	9.6	9.6	9.1	9.5	6.6	10.1	11.1	11:1	11.2	11.3	11.3	11.4	11.5	11.9	12.3	15.4	15.4	12.8
		INERTIA	2695.9	3095.7	3332.2	3712.8	3821.2	3917.2	3939.6	4775.2	5053.8	5171.6	5325.1	5519.1	9.0655	5856.6	5846.6	6888.7	7031.3	7224.2	7464.5	7555.3	7888.6	7884.3	7128.7	7425.3	8702.9	0.8606	11608.4	11682.1	11978.8	12243.9	12262.1	12442.8	12888.8	14041.6	15080.4	15742.2	15764.0	17040.1
	HODOL US	ZFL	184.9	190.7	204.1	233.8	240.1	549.4	247.4	260.7	278.9	282.5	297.0	305.6	315.1	328.6	332.9	341.1	345.1	361.3	371.1	381.7	397.3	405.4	421.1	464.1	4.644	475.6	539.3	247.0	2.215	9.115	585.2	601.2	8.629	692.5	653.1	2.989	691.8	753.3
	SECTION	ZPL	733.9	801.5	823.0	646.1	856.5	860.6	860.3	967.5	984.6	2.466	10001	1013.4	1014.2	1030.4	1026.9	1137.1	1146.9	1153.7	1167.7	1169.1	1186.7	1183.5	1083.7	1094.1	1219.1	1233.3	1390.2	1391.2	1398.0	1411.3	1410.3	1412.6	1425.9	1463.0	1560.2	1582.1	1581.2	1622.3
		MT/FT	56.95	58.85	61.64	67.15	68.44	70.14	72.69		78.85			83.50	84.80	87.35	87.75		91.80	93.94	95.64	96.90	99.45	68.66	102.65	106.45		110.94			130.05	131.34			137.70	146.64	148.75	153.00	153.44	161.50
		NOMINAL SIZE	16X10X . 500/ .875T	18X10X . 563/ .719T	. 563/1	•	.563/1	_	X6	.688/			21X11X . 688/ .875T				.688/		24X 8X .750/1.125T												.875/1.12					27X13X .875/1.500T	30×10×1.000/1.3757	30x10x1.000/1.500T	30X11X1.000/1.375T	30×10×1.000/1.750T

1.3750 - 1 3/8 in.

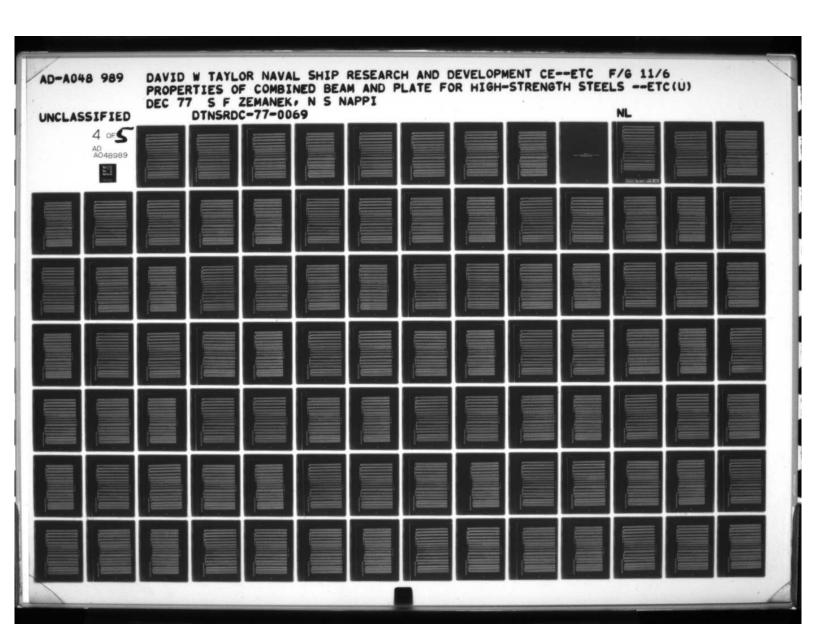
SECTION MODULUS  NITTE	SHEAR	-	66.		69.	16.	. 89	1.09	1.27	1.28	1.47	1.46		1.47	1.28	1.47	1.74	2.20	1.99	2.22	5.45	2.20	2.24	*	5.45	*	1.97				5.49		*2.2		3.61	2.24	3.42	-	3	3.41	3	3.74	3.72	3	3.76	~
SECTION HODULUS  XX 1257	THICK		.100	.168	.250	.313	.258	.313	.250	.313	.313	.250	.313	.313	.313	.313	.438	.313	.438	.375	.313	.313	.438	.375	.313	.438	.375	.375	.375	.438	.438	.375	.436		375	.438	.438	.375	.438	.375	.500	.436	.375	.563	.500	.438
NOW TALL STEE	7.5		2.00	2.00	2.00	2.00	3.00	2-00	2-00	2.00	2.00	3.00	4.00	3.00	4-00			3.00	3.00	3.00	3.00	4.00	3.00	3.00	4.00		2.00	4.00	2.00	2.00	4.00	5-00	2.00		100	6.00	4-00	4-00	6.00	5.00	÷.	4.00	5.00	f. 00	4-00	2.00
NOW THAL SIZE  22. 1257, 1867 2.99 32.4 5.3 25.6 6.8 4.9 119 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 5.3 25.6 6.8 4.9 1.19 31.2 22.126. 2.99 32.4 6.3 3.4 6.3 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8 3.4 6.8			.165	.125	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	.188	25	52	52	25	.250	.250	.250	52	52	.250	.250	.250	.250	.250	.250	052.	052.	25.0	313	.250	.313	.313	.250	.313	.313	.313	.313	.313		
SECTION MODULUS  2X 1257 1881 2.95 32.4 5.3 25.6 6.6 4.0 3.9 22. 1887 2.5 1881 2.5 1881 2.99 32.4 5.3 25.6 6.6 6.6 4.0 3.3 3.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.0 31.4 6.	DEPTH		3.19	4.19	3.25	3.31	3.25	4.31	2.				4.31	6.31	5.31	6.31	5.44	7.31	44.9							*	m.							•											9.5	10.44
NOMINAL SIZE  NIT/FT ZPL ZFL INERTIA R P P YE ZX 125/ 1861 Z-55 Z-6-6 ZX 125/ 1861 Z-59 JZ-4 ZX 126/ 1861 Z-59 JZ-4 ZX 126/ 1861 Z-59 JZ-4 ZX 186/ 2511 4-6-9 ZX 186/	ARFA	200	-	0	0	-	1.31	3	1.44	1.56	1.75			-	7		.5	9.			6	•				3.31	3.38	3.50	3.63	3.69	3.75	3.88	30.00	21.	4.31	4.38				69.4	4.81			•	-	
2X 125/ 1867 2.99 22-4 5-2 2.0 4 -5 - 2 2.0 4 -5 - 2 2.0 1867 2.99 32-4 5-3 2.0 2.0 4 -5 - 2 2.0 1867 2.99 32-4 5-3 2.0 2.0 4 -5 - 2 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1867 2.0 1	¥																																	•												
NOMINAL SIZE NT/FT ZPL ZFL INERTIA R ZX 125/10817 295 25.0 5.0 5.2 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0 1867 25.0	9	•		•	•		•		•				6.		6.				•				1.0	1.0	1.0			1:1								1.1	1.2							•		1.3
NOMINAL SIZE HI/FT ZPL ZFL INERTI ZX 1257 1887 25 26 0 5 2 Z 20 20 20 20 1257 1887 25 26 0 5 2 Z 20 20 20 20 1257 1887 25 26 0 5 2 Z 20 20 20 20 1257 1887 25 26 0 5 2 Z 20 20 20 20 20 20 20 20 20 20 20 20 20	•					9.	9.									1.1	1.0		1.2	1.3	1.4	1.3	1.4	1.5	1.5	1.5	1.3		1.5	1.4	1.7	1:-	9.1		1.8	1.7	1.9	2.1	1.9	2.0	2.0	2.1	2.2	2.1	2.2	2.3
NOMINAL SIZE  2X .125/ .1887 2.55 26.0 5.2  2X .126/ .1887 2.99 32.4 5.3  2X .188/ .2501 4.05 31.4 6.3  2X .188/ .2501 4.05 31.3 6.8  2X .188/ .2501 4.05 31.3 6.8  2X .188/ .2501 4.00 4.00 4.00 4.00  2X .188/ .2501 6.30 7.4 7.0 11.3  2X .260/ .3137 6.80 55.9 9.8  3X .250/ .3137 7.45 74.0 11.3  4X .188/ .3137 7.45 74.0 11.3  3X .250/ .3137 10.40 129.6 15.0  3X .250/ .3137 10.40 129.6 16.0  3X .250/ .3137 10.64 129.1 17.3  4X .250/ .3137 10.64 129.6 16.0  3X .250/ .3137 10.64 129.6 16.0  3X .250/ .3137 10.64 129.6 16.0  5X .250/ .3137 10.64 169.6 16.0  5X .250/ .3137 10.64 169.6 16.0  5X .250/ .4387 12.9 16.0 166.9 23.2  6X .250/ .4387 12.9 16.0 166.9 23.2  6X .250/ .4387 12.9 16.0 166.9 23.2  6X .250/ .4387 12.9 16.0 165.7 23.0  5X .250/ .4387 12.9 16.0 165.7 23.0  5X .250/ .4387 12.9 16.0 22.0 22.0  5X .250/ .4387 12.9 16.0 165.7 23.0  5X .250/ .4387 15.9 16.0 22.0 22.0  5X .250/ .4387 15.9 16.0 22.0 22.0  5X .250/ .4387 15.9 16.0 22.0 22.0  5X .250/ .4387 16.0 22.0 22.0 22.0  5X .313/ .3757 16.0 27.0 23.0  5X .313/ .3757 17.0 0 270.3 32.3  5X .250/ .333/ .334/ .33757 17.0 0 270.3 32.3  5X .250/ .333/ .334/ .33757 17.0 0 270.3 32.3  5X .250/ .333/ .334/ .33757 17.0 0 270.3 32.3  5X .333/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .334/ .	NERTI	100	4.02	25.8	23.2	25.2		34.1	41.3	45.6	60.7	2.99	48.5		9.99	6	73.2	107.1	98.8	18.																									2.	-
NOMINAL SIZE  2	HODULUS		2.6	5.3	5.9	6.3	6.8	6.8	7.0	7.6	8.7	9.6	9.8	10.8	11.3	13.0	12.2	13.6	14.2		15.7		16.4	17.3	18.4	18.8		:	:	20.1	:			: .			:					:	2	2	3.	5
NOMINAL SIZE  2X .125/ .1887  2X .188/ .2501  3X .188/ .2501  2X .188/ .2501  2X .188/ .2501  2X .188/ .2501  4 .69  2X .250/ .4387  4X .250/ .4387  4X .250/ .4387  5X .313/ .5007  5X		100	0.92	35.4	29.1	31.4	33.3	41.3			69.5	74.7	62.6	85.8	74.0	95.5	9.61	111.3	102.9	120.7	138.0	125.7	129.6	149.1	155.2	159.5	152.1	168.5	153.0	132.8	181.6	186.9	165.6	201	210.6	180.9	224.4	248.7	218.9	230.2		263.9	7.0	50	78.	87.
NOMINAL SIZ 22 x 1255 22 x 1886 23 x 1886 22 x 1886 23 x 1886 24 x 250 25 x 250 27 x 250 28 x 250 28 x 250 28 x 250 29 x 250 20 x 20 x 20 20	1751		66.5	5.99	3.60	4.05	4.45	69.4	06.4	5.30	56.5	6.39	6.80	7.00	7.45	8.09	8.70	9.15	9.55	62.6	10.00	10.20	10.40	10.64	11.05	11.25	11.49	11.90	12.34	12.55	12.75	13.19	13.40	14. 25	14.65	14.89	15.50	15.74	15.74	15.95	16.35	16.59	17.00	17.20	17.44	18.05
NOMINA WAS SEED TO SEE	75	1001	1881	.1881	.250T	. 3131	. 25 OT	.3131	.250T	.3131	.3137	.250T	.313T	.313F	.3131	.3137	.438T	·313T	.438T	.375T	.3137	.313T	.438T	.375T	.313T	.438T	.37 5T	.375T	.3751	.438T	.4381	1675.	.4381	1281	3751	-438T	-438T	.375T	-438T	.375T	-500T	.438T	-375T	.563T	20	.438T
T XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		;										188/	1887								12501		1052	1052	2501		12507	1952	.2507	.2507	.2507	1052			313/	1052	.313/	.313/	.250/	.313/		.313/	.313/	.313/	.313/	.313/
	NUMIN	200	× 7	2 X	2×	×	3×	2×	2×	2×	2×	3×	**	3×	×	×	3×	3	3×	3	3×	**	3×	3×	×*					2×	×	22	X 2	2	**	<b>8</b>	×	3			×				×	

SHEAR	AREA	3.77	3.42	3.76	2.82	3.74	3.44	3.77	2.84	3.76	3.44	5.24	3.15	3.77	3.76	2.26	5.24	5.28	3.42	3.77	5.31	5.26	3.46	2.54	2.28	3.77	2.56	5.31	42.6	500	2.26	6.05	5.31	5.28	7.02	7.05	5.31	5.28	7.02	7.08	4.69	7.05	7.10	5.31	5.35
ANGE	2	.563	.438	.500	.500	.438	.500	.563	.563	.500	.500	.469	.563	.563	.500	.531	694.	.594	.629	.563	.656	.531	.563	694.	.594	.563	.531	.656	604.	. 666	. 5 34	.750	.656	.594	.531	*65.	.656	*65*	.531	•656	.875		.719	•656	1.000
E	E	4-00	6.00	2.00	7-00	6-00	6-00	5.00	7.00	6.00	7.00	4.00	7.00	6-00	7.00	4.00	2.00	4-00	7.80	7.00	4.00	2.00	8-00	9.00	2.00	8-00	6.00	2.00	2.00	200-7	200	7.00	6.00	7.00	5.00	5.00	7.00	8.00	6-00	2.00	7-00	6.00	2.00	8-00	6-00
WEB	THICK	.313	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.313	.313	.375	.375	.375	.375	.313	.375	.375	.313	.375	.375	.313	.375	.375	.375	. 438	375	.438	.375	.375	.438	.438	.375	.375	.438	.438	.500	.438	.438	.375	.563
	DEPTH	10.56	9.44	10.50	7.50		9.50	10.56	7.56	10.50	9.50	12.47		10.56	•	12.53	*	15.59	-				•	12.47		10.56	12.53	12.66	15.47	69.2	12.63	7.75	12.66	12.59	14.53	14.59	15.66	12.59	14.53	14.66	7.88	14.59	14.72	12.66	
	RE	5.38	5.44	5.63	69.5	5.75	5.81	5.94	6.13	6.13	6.31	6.38		6.50	6.63	6.63	6.84	6.88	7.00	7.06	7.13	7.16	7.31	7.31	3	7.63	1.69	7.78	9.0	99.	8.22	8.31	8.44	99.8	8.78			9.25	9.31	9.41		69.6	9.72	9.75	0
	YF			10.6									8.7		:	2	15.4	2	:	10.5	15.5	12.4	9.5	12.3	15.4	10.4	12.3	12.4	12.5		12.2	7.8	12.3	12.2	14.1	14.1	12.2	15.1	14.0	14.1	7.8	14.0	14.2		7.9
	YP	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.5	1.4	1.5			1.6			1.6	1.6	1.6		1.6	1.7	1.7	1.1	1.7		::		1.5	1.8	1.9	1.9				2.0		1.6	2.1	2.1	2.0	4
	~	2.3	2.2	5.4	1.9	2.4	2.3	5.5	2.0	5.5	5.4	2.7	2.2	5.6	2.7	2.8	5.9	5.9	2.1	2.8	3.0	3.0	5.6	3.0	3.1	2.9	3.1	3.2	3.5	2.2		2.3	3.4	3.4	3.6	3.7	3.5	3.6	3.8	3.8	2.4		3.9	3.7	2.4
	INERTI	391.0	347.4		566.4	427.8	381.6	451.6	292.5	4.70.0	425.2	547.3	373.5	511.4	522.5	586.6	617.4	626.3	326.1	570.0	664.8	666.0	513.8	2.989	713.1	9.629	743.5	761.8	154.5	360.3	820.6	98	856.7	885.1	1.616	1041.3	951.0	1.896	1081.4	1105.4	447.0	1154.6	1167.0	1043.3	452.7
MODULUS	ZFL	36.5	36.1	39.5	34.4	40.5	39.6	45.4	37.7	44.5	***	43.9	43.1	48.4	49.8		49.8	0	N	•	53.0	53.7	54.0	55.7	57.4	60.5	50.3	61.3	61.6	40.5	67.9	49.8	69.5	72.4	69.3	73.7	17.8	19.8	77.0	78.1	57.4	82.3	82.5	86.0	57 L
SECTION	ZPL	292.3	6.492	303.4	211.4	308.2	280.6	318.7	224.0	325.8	298.6	367.1	268.3	341.9	345.6	382.5	393.8	397.4	237.5	362.4	411.0	410.9	331.4	417.4	456.6	381.4	435.7	442.0	438.1	2.062	456.0	260.4	468.6	475.6	516.9	533.4	492.5	496.1	543.1	9.645	280.4	9.095	564.3	513.3	281.9
	HT/FT	18.29	18.50	19.14	19.35	19.55	19.75	20.20	20.84	0	3	•	21.90	-	u	a.	~	3			54.24	-	54.85	54.85	25.40	55.94	26.15	26.45	54.92	67.92	27.95	28.25	28.70	29.44	29.95	30.91	30.91	31.45	31.65	31.99	32.74	35.95	33.05	33.15	11.80
	SIZE	.563T		-500T			•		•	.500T	.500T	T694.	. 563T	.563T	.500T	.531T	1694.	1465.	•6251	. 5631	.656T	.5311	. 5631	1694.	1965.	. 5631	.5311	1959.	1694	1999	. 531T	.750T	.6567	1465.	. 531T	1965.	1959.	1965.	.531T	· 556T	.8751	1465.	1617.	.656T	1 DOOT
	NOMINAL SI	.313/	. 313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.375/	.313/	.313/	.313/	.375/	.375/	.375/	.375/	.313/	.375/	.375/	. 313/	.375/	.375/	. 313/	1915	.375/	1616	138/	375/	438/	.375/	.375/	.438/	.438/	.375/	.375/	.438/	.438/	1005.	.438/	.438/	.375/	66711
	HON	X* X0	1			X9 X0				X9 X0		2X 4X			0x 7x		2X 5X								2X 5X			2x 5x		X X		X XX				4X 5X	2X 7X							2x 8x	

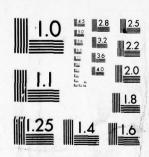
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	œ	•	6		*	2		1	6	6	6	9	6	9	6	9	6	6	1	6	1	6	1	6	9	9	2	1	2	2	2	2	2	2	3	2				2
	SHEAR	AREA	9.19	11.38	11.5	11.4	11.5	11.4	12.8	16.0	16.0	16.2	16.0	16.2	16.0	16.2	16.0	19.7	19.9	19.7	19.9	19.79	19.97	19.79	16.26	16.26	19.97	19.97	26.25	26.15	25.93	26.25	26.15	25.93	55.9	26.25	32.88	33.0	32.8	33.2
*******	NGE	THICK	.875	.719	1.000	.875	1.000	.875	1.125	.875	.875	1.125	.875	1.125	.875	1.125	.875	.875	1.125	.875	1-125	.875	1-125	.875	1.125	1.125	1.125	1.125	1.500	1.375	1.125	1.500	1.375	1.125	1.125	1.500	1.375	1.500	1.375	1.750
	FLANGE	HIDIM	10-00	10-00	8.00	11.00	10.00	12.00	9.00	9-00	10.00	8-00	11-00	00.6	12.00	10.00	13.00	10-00	8-00	11-00	9.00	12.00	10-00	13.00	14.00	15.00	12.00	13.00	9.00	10.00	13.00	10-00	11-00	14-00	15.00	13.00	10.00	10.00	11.00	10-00
I DIMENSIONS	WEB	THICK	.500	.563	.563	.563	.563	.563	.625	.688	.688	.688	.688	.688	.688	.688	.688	.750	.750	.750	.750	.750	.750	.750	.688	.688	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	1.000	1.000	1.000	1.000
*** BEAN		DEPTH	16.88	18.72	19.00	18.88	19.00	18.88	19.13	21.88	21.88	22.13	21.88	22.13	21.88	22.13	21.88	24.88	25.13	24.88	25.13	24.88	25.13	24.88	22.13	22.13	25.13	25.13	28.50	26.38	28.13	28.50	28.38	28.13	28.13	28.50	31.38	31.50	31.38	31.75
****		AREA	16.75	17.31	18.13	19.75	20.13	20.63	21.38	22.31	23.19	23.44	24.06	24.56	54.34	55.69	25.81	26.75	27.00	27.63	28.13	28.50	29.25	29.38	30.19	31.31	31.50	32.63	37.13	37.38	38.25	38.63	38.75	39.38	40.50	43.13	43.75	45.00	45.13	47.50
		7	15.0	16.7	16.8	16.4	16.4	16.2	16.4	18.9	18.7	18.9	18.5	18.7	18.4	18.4	18.2	20.9	21.0	20.7	20.8	20.5	20.6	20.3	17.6	17.4	20.1	19.9	22.4	25.2	21.8	22.1	21.9	21.6	21.3	21.2	24.0	23.9	23.7	23.6
		YP	3.4	3.5	3.7	4.0	4.1	4.2	4.2	4.5	4.7	4.7	6.4	5.0	5.0	5.5	5.5	5.5	2.6	5.7	5.8	5.9	6.1	6.1	6.0	2.9	6.5	6.7	7.6	7.7	7.9	7.9	8.0	8.1	8.3	8.8	8.9	8.5	9.5	4.6
		œ	5.8	6.2	9.4	6.7	2.9	8.9	9.9	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.7	8.8	8.9	9.0	9.1	8.5	9.5	8.8	8.9	9.6	9.8	10.8	10.8	10.9	11.0	11.0	11.1	11.2	11.6	12.0	12.2	15.2	15.5
		INERTIA	2805.5	3217.8	3467.2	3872.5	3987.6	8.0604	4115.8	4981.7	5278.4	5402.6	5567.9	5773.8	5852.0	6135.6	6126.7	7208.0	7358.8	7566.8	7822.3	7921.5	8277.4	8274.9	7509.5	7832.3	9155.1	9582.7	12238.0	12319.2	12643.7	12926.4	12947.7	13147.5	13632.9	14885.8	15937.4	16653.1	16678.6	18060.5
	MODULUS	14Z	186.9	192.8	206.4	236.4	242.8	252.1	250.3	263.9	282.3	286.1	3000	309.4	318.9	332.7	336.9	345.6	349.8	366.1	376.1	386.7	402.5	407.6	426.2	4.644	455.2	481.8	547.4	555.1	580.5	586.2	6.065	6.609	638.9	702.7	664.1	698.2	703.4	166.0
	SECTION	ZPL	833.4	910.5	936.7	968.5	978.8	984.3	983.5	1106.2	1127.2	1138.5	1146.3	1162.2	1163.7	1183.2	1179.3	1304.9	1316.4	1325.0	1341.7	1343.8	1364.8	1361.4	1249.5	1262.6	1404.4	1421.8	1600.8	1602.1	1610.6	1626.0	1625.1	1628.2	1644.3	1688.5	1794.2	1820.0	1819.1	1867.3
		-	56.95						12.69		78.85					87.35					95.64	96.90	66.45	99.89	102.65	106.45	107.10	110.94		127.09				133,89					153.44	161.50
		NOMINAL SIZE	•	•	•	•	X .563/1.000T	X .563/ .875T		1 .688/ .875T	•	•		X .688/1.125T													X .750/1-125T			•	•	•		•	.875/1.12	X .875/1.500T	30X10X1.000/1.375T	30X10X1.000/1.500T	30X11X1.000/1.375T	0X1 0X1- 000/1-750T
		ON	16X10X	18X10X	18X 8X	18X11X	18×10×	18X12X	18x 9x	21X 9N	21X10X	21X 8X	21X11)	21X 9X	21X12X	21×10×	21X13X	24X10X	24X 8X	24X11X	54x 8	24X12X	24X10)	24×13×	21X14X	21X15X	24×12×	24×13×	27x 9x	27×10×	27×13×	27×10×	27X11X	27X14X	27X15X	27X13X	30×10×	30X10X	30×11X	30X10X

1.5000 - 1 1/2 in.



## 40FS AD A048989



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-4

				20	
REA	YF	R YP YF L	R YP	L INERTIA R YP	ZFL INERTIA R YP
.75		0.4 6. 9.	6. 9. 1	6. 9. 1	7.9 31.7 .6 .9
.88	5.0	.6 .9 5.0	6. 9. 5	6. 9. 5	7.5 37.5 .6 .9
1.06	;	6. 9.	6. 9. 8	6. 9. 8	6. 9. 8
1 1.19	;	.4 6. 9.	37.0 .6 .9 4.	8.9 37.0 .6 .9 4.	6.6
1 1.31	• (	6. 9.	38.9 9. 6.82	9. 6. 8. 38.9	9.5
5-1 1-44			53.7	8.9 53.7 .8 .9	5.6
6.1 1.56		6. 8.	58.2 .8 .9	9.5 58.2 .8 .9	9.5
7.1 1.75		.9 1.0	73.9 .9 1.0	10.4 73.9 .9 1.0	.3 10.4
7.0 1.88		.9 1.0	79.6 .9 1.0	11.3 79.6 .9 1.0	1.4 11.3
5.1 2.00		.8 1.0	61.6 .8 1.0	12.1 61.6 .8 1.0	3.8 12.1
7.1 2.06		1.0 1.0	1	1	.4 12.5 88.7 1
6.1 2.19		.9 1.0	•	•	1.3 13.2 80.4
7.0 2.38		1.0 1.0			.3 14.7 103.8
2 2.		1.0 1.0	87.4 1.0 1.0	•	14.1 87.4
2 0.		1.1 1.0		.2 122.3	.2 122.3
7.2 2.81		1.1 1.0			15.9 114.0
8.1 2.88		1.2 1.1	•	•	16.6 134.4
9.0 2.94		1.3 1.1	1.3 1	1.3 1	17.2 154.8 1.3 1
8.0 3.00		2 1	1.2	.7 141.3 1.2	17.7 141.3 1.2 1
1 3		2	1.2	.0 146.3 1.2 1	18.0 146.3 1.2 1
0 3		2	2	1.3	.8 170.1 1.3
.0 3			1:4	.0 179.1 1.4	20.0 179.1 1.4
.1 3		*	1.4	1.4	20.4 185.1 1.4
.1 3		~	1.2	1.2	19.9 140.3 1.2
		3	1.4	1.4	22.1 198.9 1.4
9		.,	.,	1.	1.
7.1 3.69		2 1	?	?	24.7 240.6 1.53
		1.5	2 1 2	2 1 2	25.5 228.6 1.5
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7.1 4.13		1.4		1.4	25.0 176.6 1.4
9.0 4.19		9	1 1.6 1	.1 253.3 1.6 1	28.1 253.3 1.6 1
6.		1	1.7	8 266.0 1.7	26.8 266.0 1.7
		1.5 1.2	5 1.5	.4 227.5 1.5	28.4 227.5 1.5
		1.7 1.2	1.7	.1 290.7 1.7	29.1 290.7 1.7
6.		1.8 1.2		328.3 1.8	30.1 326.3 1.8
, 0.		1.7 1.2	1.1	.0 287.0 1.7	32.0 287.0 1.7
. 6.		1.8 1.2	9.1 0.	9.1 0.	30.5 302.0 1.6
7 0		1.8 1.2	.4 1.8	.5 315.4 1.8	31.5 315.4 1.8
6		1.9 1.3	.0 1.9	358.0 1.9	32.8 358.0 1.9
6		2.0 1.3	2 4.	371.4 2	34.2 371.4 2
.0 5		1.9 1.3	341.2 1.9 1.3	341.2 1	34.0 341.2 1
.0		2.0 1.3	386.3 2.0 1.3		0.1 35.4
10.9 5.31		2.0 1.3	407.8 2.0 1.3	2	37.5

1.7500 - 1 3/4 in.

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46694 56694 56694
357.5
21.45
3137 .500T 3137 .500T 3757 .469T
•

1.7500 - 1 3/4 in.

3/4 in.

1

.7500

1.750 IN. PLATE (AREA= 91.88 SQ.IN.)

								******	*** BEAM	DIMENSIONS	TONS **	*****	
		SECT ION	MODULUS							ME8	FLA	NGE	SHEAR
NOMINAL SIZE	MT/FT	ZPL	ZFL	INERTIA	~	A A	YF	AREA	DEPTH	THICK	HIOTH	THICK	AREA
16X10X .500/ .675T	56.95	1023.6	190.5	2992.5	5.5	5.9	15.7	16.75	16.88	500	10-00	.875	9.32
•	58.85	1120.3	196.7	3425.2	9.6	3.1	17.4	17.31	18.72	.563	10.00	.719	11.52
. 563/	61.64	1157.6	210.5	3696.3	5.8	3.2	17.6	16.13	19.00	.563	8-00	1.000	11.68
18X11X .563/ .875T	67.15	1205.7	241.0	4142.9	6.1	3.4	17.2	19.75	18.88	.563	11-00	.875	11.61
•	68.44	1220.4	247.5	4269.1	6.2	3.5	17.3	20.13	19.00	.563	10-00	1.000	11.66
18X12X .563/ .875T	70.14	1229.6	257.0	4384.7	6.2	3.6	17.1	20.63	18.88	.563	12.00	.875	11.61
18x 9x .625/1.125T	72.69	1228.2	255.4	4414.5	6.2	3.6	17.3	21.38	19.13	.625	9.00	1.125	13.05
21x 9x .688/ .875T	75.85	1364.0	269.5	5330.7	6.9	3.9	19.8	22.31	21.88	.688	9.00	.875	16.26
21X10X .688/ .875T	78.85	1414.5	2.882	5657.8	7.0	4:0	19.6	23.19	21.88	.688	10-00	.875	16.26
.688/		1430.0	292.1	5792.9	7.1	4.1	19.8	23.44	22.13	.688	8-88	1.125	16.43
1x .	81.80	1442.4	306.8	5978.2	7.2		19.5	24.06	21.88	.688	11.00	.875	16.26
21X 9X .688/1.125T	83.50	1464.6	315.8	6204.4	7.3	4.2	19.6	24.56	22.13	.688	9.00	1.125	16.43
21X12X .688/ .875T	84.80	1467.9	325.4	6294.1	7.3	4.3	19.3	24.94	21.88	.688	12-00	.875	16.26
21X10X .688/1.125T	87.35	1495.5	339.5	6607.6	7.5	*.*	19.5	55.69	22.13	.688	10-00	1.125	16.43
•	87.75	1491.1	343.7	9.0099	7.5	*:	19.2	25.81	21.88	.688	13.00	.875	16.26
. x0	90.95	1649.8	353.2	7747.6	8.1	4.7	21.9	26.75	24.88	.750	10.00	.875	19.97
•	91.80	1665.4	357.5	7912.2	8.2	4.0	22.1	27.00	25.13	.750	8.00	1.125	20.16
1×.	93.94	1678.6	374.1	8146.1	8.3	4.9	21.8	27.63	24.88	.750	11.00	.875	19.97
	95.64	1701.7	384.3	8427.7	9.4	5.0	21.9	28.13	25.13	.750	9-00	1.125	20.16
24X12X . 7507 . 675T	96.90	1705.7	395.0	8541.4	9.4	5.0	21.6	28.50	24.88	.750	12.00	-875	19.97
	66.45	1735.0	411.2	8936.0	9.6	2.5	21.7	29.25	25.13	.750	10-00	1.125	20.16
	99.89	1731.1	416.3	8936.7	9.6	2.5	51.5	29.38	24.88	.750	13.00	.875	19.97
	102.65	1594.6	434.7	8157.1	8.2	5.1	18.8	30.19	22.13	.688	14-00	1-125	16.43
21X15X .688/1.125T	106.45	1614.3	458.4	8525.4	8.3	5.3	10.6	31.31	22-13	.688	15.00	1.125	16.43
	107.10	1792.6	6.494	9923.4	9.0	5.5	21.3	31.50	25.13	.750	12-00	1.125	20.16
3×		1818.0	492.0	10407.7	9.1	2.1	21.2	32.63	25.13	.750	13.00	1.125	20.16
	126.24	2047.8	560.6	13317.5	10.5	6.5	23.7	37.13	28.50	.875	9.00	1.500	26.47
.875/1.37	127.09	20202	268.6	13412.1	10.2	6.5	23.6	37.38	28.38	.875	10.00	1.375	26.36
	130.05	2063.2	594.3	13786.1	10.3	6.7	23.5	38.25	28.13	.875	13.00	1.125	56.15
•	131.34	2083.6	4.009	14099.6	10.4	6.8	23.5	38.63	28.50	.875	10-00	1.500	26.47
	131.75	2002.7	605.1	14126.6	10.4	6.8	23.3	38.75	28.38	.875	11-00	1.375	26.36
.875/1.12	133.89	2088.2	624.3	14350.6	10.5	6.9	23.0	39.38	28-13	.875	14.00	1.125	26-15
.875/1.	137.70	2111.1	653.8	14916.5	10.6	7.1	22.8	40.50	28.13	.875	15.00	1-125	26.15
27X13X .875/1.500T	146.64	2172.6	719.4	16348.4	11.0	7.5	22.7	43.13	28.50	.875	13.00	1.500	26.47
30X10X1.000/1.375T	148.75	2296.8	682.1	17424.3	11.3	9.2	52.5	43.75	31.38	1.000	10.00	1.375	33.13
30X10X1.000/1.500T	153.00	2332.0	717.1	18236.5	11.5	7.8	25.4	45.00	31.50	1.000	10-00	1.500	33.25
30X11X1.000/1.375T	153.44	2331.1	722.3	18269.0	11.5	7.8	25.3	45.13	31.38	1.000	11.00	1.375	33-13
30X10X1.000/1.750T	161.50	2396.6	786.7	19841.7	11.9	8.3	25.2	47.50	31.75	1.000	10.00	1.750	33.50
						í.							

2.000 IN. PLATE (AREA=120.00 SQ.IN.)

2,0000

in.

## APPENDIX D

PROPERTIES OF COMBINED BEAM AND PLATE FOR TI 6AL-4V EXTRA LOW INTERSTITIAL MATERIAL

SHEAR	AREA	.41	.63	• 65	.82	.83	• 65	.83	.88		-	-	1.14	-	1	1.39	1.63	1.64	1.63	1.64	1.76	2.35	2.07	2.37	5.09	2.39	2.07	2.41	2.39	3.21	2.41	3.23										3.	3.26	3.66	The second secon
FLANGE	THICK	.188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	.438	.375	.438	.500	.375	.500	.438	.563	.500	.500	.563	.500	.438	.563	.500	.438	.563	.500	.625	.563	.563	.563	.500	.625	.563	. 563	•625	
FLA	WIDTH	2.00	2.00	2.00	2-00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3-00	4.00	00-4	4.00	00 **	4.00	4.00	<b>6.</b> 00	00 - 7	2.00	4.00	2.00	4.00	2.00	4.00		00-4	4.00	00 - 4	6.00	4.00	2.00	2.00	2.00	2.00	6.00	2.00	
MEB	THICK	.125	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.375	.375	.375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	
	DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	6.44	6.38	9.44	5.50	7.38	6.50	7.44	95.9	7.50	6.50	7.56	7.50	9.44	7.56	8.50	9.44	8.56	9.50	8.63	7.56	9.56	8.56	9.50	8.63	9.56	8.56	9.63	
	AREA	.75	1.06	1.19	1.25	1.38	1.50	1.69	1.88	5.06	2.13	2.19	2.31	2.38	5.44	5.56	2.63	2.81	3.00	3.25		3.69	3.88	3.94	4.13	4.19	4.38	***	69.4	4.75	2.00	2.00	5.13	5.25	5.38	5.50	2,56	5.63	5.81	5.88	6.13	6.19	6.38		
	YF	1.7	1.6			2.0								2.1		2.0				2.2	1.8	2.8	2.2	2.7						3.3		3.2	3.7		3.6			3.5			2.8		5.6		
	Y.	1.7	1.8	1.9	2.3	5.5	2.2	2.8	2.2	2.3	2.8	3.2	5.9	3.4	3.8	3.5	4.0	4.1	4.2	4.4	3.8	4.7	4.4	4.8	4.5	5.0	4.6	5.1	2.5	5.3	2.4	2.4	2.8	2.6	0.9	2.1	2.6	6.1	2.8	6.3	9.0	4.9	6.1	9.9	
	œ	1.4	1.3	1.4	1.7	1.7	1.3	1.7	1.3	1.3	1.7	2.0	1.7	2.0	5.4	2.1	2.4			5.4	2.0	2.7	2.3	2.7	2.3	2.7	2.3	2.7	2.7	3.0	5.6	3.0	3.3	3.0	3.4	3.0	5.6	3.4	3.0	3.3	3.0	3.3	3.0	3.3	
	INERTIA	2.2	5.5	2.8	4.8	5.5	3.4	6.1	3.9	4.2	7.1	10.6		11.5		12.3	17.2		19.0	20.3	15.4	59.4	23.3	31.3	54.5	33.2	25.0	34.9	35.7	46.2	37.5	48.8	61.3	51.3	2.49	53.6	39.6	67.9	55.4	6.69	57.9	73.3	58.8	16.6	
MODULUS	ZFL	1.3	1.6	1.9	2.3	2.7	5.6	3.6	3.0	3.3	4.2	6.4	4.6	5.4	6.0	6.1	6.8	7.5	8.3	9.3	8.4	10.4	10.5	11.5	11.3	12.6	15.4	13.7	14.9	14.1	16.2	15.3	16.4	16.5	17.8	17.6	18.6	19.5	19.5	20.8	50.9	55.5	55.4	24.1	
SECT ION	ZPL	1.3	1.4	1.5	2.1	2.1	1.6	2.2	1.8	1.0	5.5	3.3	2.6	3.4	4.2	3.5	4.3	4.5	4.5	4.6	4.1	6.3	5.3	6.5	5.4	9.9	5.4	6.8	6.8		7.0	9.0	10.5	9.5	10.8	4.6	7.1	11.0	9.5	11.2	4.6	11.4	9.7	11.6	
0,	HIVEE	1.44		2.28			2.88	3.24		3.96	-	.2	4.44	4.57	4.68	4.92	50.5		5.76	6.24	6.84	7.08	7.45	7.56	7.93	8.04	*	8.52		9.12	9.	9	9.85	10.08	10.33	10.56		10.81	11.16	11.29	11.77		12.25		
	3Z 1	.188T	.250T	.3137	.250T	.313T	.313T	.3137	.375T	.438T	.375T	31	.4381	.375T	.3131	.4381	.3751	.438T	.375T	.438T	.500T	.375T	.500T	.438T	. 563T	.500T	.500T	. 5631	.500T	.4381	. 5631	.500T	.438T	.5631	.500T	· 625T	.5631	.5631	. 563T	.500T	. 6251	. 5631	. 563T	· 625T	-
	NAL SI			.188/						.250/	.250/	.250/	.250/	.250/	1052.	.250/	1052.	.250/	.250/	.250/	. 313/	.313/	.313/	.313/	. 313/	.313/	.313/	.313/	. 313/	.375/	.313/	.375/	.375/	.375/	.375/	.375/	. 313/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	-
	z			3X 2X		4X 2X										5x 3x																X + X			X4 X6							X 2X			

0.1250 - 1/8 in.

									******	*** BEAM				
		:	SECTION	HODOL US			5	,	-	:	MEB	FLANGE	NGE	SHEAR
NUMINAL SI			747	17	INCKILA	¥ !	1	-	AKEA	-	HICK	HIOTH	HICK	AKEA
14 PX • 375/	1629.	0	11.9	:	81.2	3.3	6.8	5.9	-	9	.375	-	• 629	3.66
5x .438/	.563T	8	14.8	.9	101.7	3.7	6.9	3.8	7		.438		.563	4.68
5x .	1625T	3	15.2		106.1	3.7	7.0	3.8	7.50	10.63	.438	2.00	.625	4.71
6x .438/	.688T	9	1111	9	68.7	5.9	2.9	5.6	7.63	9	.438	6.00	.688	3.86
9x 5x . 438;	750T	14.76	13.3	28.0	88.9	3.3	2.9	3.2	7.69	~	.438		.750	4.33
6x .438/	.563T		15.3		108.3	3.7	7.1	3.6	7.75	.5	.438	6.00	.563	4.68
5x .	1889ª	0	15.5		110.5	3.7	7.1	3.7	7.81		.438		.688	4.74
6x .438/	.625T	6	15.6	32.3	113.0	3.6	7.3	3.5	8.13	9	.438	0	.625	4.71
6X . 438/	75	16.20	13.6	2	94.46	3.3	6.9		8.44	1	.438	-	.750	4.33
6x .438/	68	16.32	15.9	34.4	117.4	3.6	7.5		8.50	10.69	.438		. 588	4.74
7x .438/	1888.	-	13.7	;		3.2	7.0	2.8	8.75	9	.438	-	.688	4.30
.5007	56	-	21.8	;		4.3	7.8	6.4	6.81		.500	0	.563	
6X . 438/	.750T	17.05	16.1	36.6	121.8	3.6	7.6	3.3	8.88	0.7	63		.750	4.76
.5007	.625T	17.53	22.2			4.3	8.0	8.9	9.13		50		.625	6.38
7x .438/	688T	10	16.2	38.8		3.6	7.6	3.2	9.19	0.6	.438		.688	~
1800	5637	18.01	22.4	39.3		4.3		4	9.38	12.56	2		.563	6.34
5x .500/	8	18.12	22.7	39.3	184.4	4.3		1	44.6	•	20	5-00	688	6.41
7X -438/	75	18.49	16.4	41.1	127.7	3.5			2 4 0			7.00	750	4.76
2007	42 ST	18.72	22.0	6.2.0		7			75			9	524	
8x 4. 48	7 2	10.01	14.1		102.0	2.2		٠,	90		2000		750	2 4
/005 X9	FRAT	19.45	7 20	2 4 4		7 . 4	2 4		2	12.69	2 0			24.4
5x 500/	2	10 01	25.0						1	12 62	2 0		200	2 2
1000 × ×	0 4	17.13	23.53			: :			000	00.71	000.	9 0		
DC . X0	2	21.15	655	2.14	203.6	2.4		,	06.01	17.15	006.	9	167.	***
12x rx .500/ .	9	20.76	23.9	4.64	-	4.3		~	10.81	12.69	.500	0	.688	6.41
7005 · XZ	.750T	21.60	24.3	53.0		4.3		0	11.25	12.75	.500		.750	6.44
6x .563/	. 6251	22.33	32.1	3	595.6	2.0		9	11.63	14.63	.563	-	.625	8.31
8x .500/	.750T	23.04	8.42	58.5	224.1	4.3	9.0		15.00	12.75	.500		.750	6.44
• x9	1889	23.04	32.8		-	2.0	4.6		12.00	14.69	.563		.688	8.34
7005 · XZ	.875T	23.29	25.1		228.3	4.3	9.1		12.13	12.88	.500		.875	6.50
6x .563/	.750T	23.77	33.3	6	317.7	2.0	9.5		12.38	14.75	.563	6. 10	.750	8.37
7x .563/	.688T	24.36	33.6	2	323.8	2.0			15.69	14.69	.563		.688	8.34
8x .500/	.8751	6.4	52.5	6.49		4.2	9.3		13.00	12.88	.500		.875	6.50
7x . 563/	.750T	2	34.2	.9		2.0	8.6		13.13		.563		.750	8.37
-	.000T	4.9	28.0	2.	257.6	4.3	3.5		13.75	13.00	.563	7.00	1.000	7.39
8x .563/	.750T	9.9	34.9	2.	350.9	2.0	10.1	80	13.88	14.75	.563	8.00	.750	8.37
.563/	.875T	26.48	35.3	73.0	356.9	2.0	10.1	6.	14.00	14.88	.563		.875	8.45
8X .563/1	.000T	3.3	28.5	2		4.2	4.6	3.7	14.75	13.00	.563		1.000	7.39
8x .563/	.875T	8.5	36.0	9008	373.2	4.9		4.6	14.88	14.88	.563	-	.875	8.45
9x .563/	.875T	0.2	36.6	88.1		6.4	10.6	4.4	15.75	14.88	.563	0.	.875	
8x .563/1	.000T	30.49	36.9	88.3			10.7	4.5	15.88	15.00	.563		1.000	8.52
7X . 625/1	.1257	1.9	-		20.		10.5		9.	15.13	.625		1.125	9.53
0x .563/1	0	2.1	29.3	86.2	586.9	4.1	8.6				.563	-	1.000	7.39
63/1		2.4	37.5	9	408.7	6.4	10.9	4.2			.563		1.000	8.52
9x .625/1		3.8	2	87.3	310.7	4.2	2.6				. 625		1.125	8.28
8X .625/1	.125T	34.08	0	97.3	439.4		10.7		1.	15.13	.625		1.125	9.53

0.1250 - 1/8 in.

.125 IN. PLATE (AREA = .36 SQ.IN.)

~				8	2				8	2	2	34	1	1		4	3	3	2	*	2	2	1	1	6	1	1		6		<b>.</b>	26		. 9		9	6	1		2	1		3			
SHEA	ARE	11.7	8.28	11.7	11.9	11.7	14.2	10.5	11.7	11.87				11.87	14.4		14.53	14.4	14.53	14.44	14.53	19.4	17.17	*	19.6	19.47	9		9.6			25.2		2	6	5.	6	2	6	2	25.51		2.		25.8	
LANGE		-	1.125		2.		8	1.250	1.000	1.125	.875	1.000	1.125	1.125	1.125	1.000	1.250	1.125	1.250	1.125	1.250	1.125	1.500	1.125	1.375	1.125	1.125	1.500	1.375	1.500	1.375	1.000	1.375	1.125	1.500	1.125	1.375	1.375	1.500	1.500	1.375	1.500	1.500	1.500	1.750	
L	Ξ	7-00	10-00	8.00	7.00	9.00	00.0	9.00	10-00	0	9.00	8.00	10-00	0	9.00	11.00	9.00	11.00	10-00	12.00	11.00	9.00	0	0	0	0	0	0	10.00	0	11.00	10-01		11.00	12.00	0	14.00	10.00	13.00	10.00	11.00	14.00	11.00	15.00		
	THICK	. 68A	.625	.688	.688	.688	.750	.688	.688	.688	.750	.750	.688	.688	.750	.750	.750	.750	.750	.750	.750	.875	.875	.875	.875	.875	.875	.875	.875	.875	.075		.875	1.000	.875	1.000	.875	1.000	.875	1.000	1.000	.875	1.000	.875	1.000	
BEAN	DEPTH	17.00	13.13	17.00	17.25	17.00	18.88	15.25	17.00	17.13	18.88	19.00	17.13	17.13	19.13	19.00	19.25	19.13	19.25	19.13	19.25	22.13	19.50	22.13	22.38	22.13	22.13	22.50	22.38	22.50	22.38	06.22	22.38	25.13	22.50	25.13	22.38	25.38	22.50	25.50	25.38	22.50	25.50	22.50	25.75	
	1.		18.75	-		-	10	-	21.00	_	-	10		23.38		-		-	-	-			29.25	.0			-	-		-		34.00				.5	9	-	63		-	39.38			41.50	
	¥										9.9	6.7	5.0			5.9				5.5					1.6			7.4				0 0	6.5	9.0							9.6			6.0	8.5	
	YP		6	11.	11.	11.								12.5	13.0	13.2	13.3	13.5	13.6	13.7	13.8	14.4	13.5	14.6	15.0	14.9	15.1	15.5	15.2	15.5	15.5	12.0	16.0	16.2	16.0	16.5	16.2	16.6	16.3	16.9	16.9	16.5	17.2	16.7	17.4	
	~	5.7		5.6	5.7	9.6	6.3	4.9	5.6	5.6	6.3	6.3	5.6									7.3		7.3		7.3	7.3			7.3			7.5	8.3	7.2	8.3	7.2	8.4	7.2		8.3				8.4	
	TNFRIT	2	320.3	617.8	648.1	643.0	828.8	504.4	665.8	9.429	863.6	874.6	6.269	719.0	6226	975.4	988.4	1022.1	1033.9	1051.2	1066.2		18	1607.8	1683.4	1661.7	1711.8	1746.2	1745.6	1810.1	1802.7	1000.4	406	53	922	614	1949.4	99	971.	157.		2017.2	850.	0	2943.1	0.00
MODULUS	ZEL	8 60	94.8	109.6	114.9	119.5	120.6	116.5	129.2	128.9	130.7	131.0	139.7	150.1	153.5	164.7	164.7	177.9	178.0	190.0	191.4		192.1	211.4	222.8	226.0	240.8	235.6	240.4	254.7	1.162	256. 6	292.1	281.3	291.8	298.3	308.7	298.3	309.8					345.8		
SFELTION	791	22.6	32.4	53.8	55.2	24.7	68.3	45.7	92.6	56.1	1.69	70.3		57.7	73.4		75.0	75.7						•		111.5		114.8		116.6		110.4		156.3				160.4							169.1	
		34.56				38.40								68.44					-		52.32	-										67 68									75.13			78.49	6	
	NOMINAL SIZE	Œ	.625/1-12	.688/1.00	.688/1.25	.688/1.00	.750/ .87	.688/1.25	.688/1.00	.688/1.12	.750/ .87	X .750/1.000T	.688/1.12	.688/1.1		X .750/1.000T			.750/1.25	X .750/1.125T	.750/1.25	.875/1.12	.875/1.50	•	.875/1.37	•	.875/1.12	.875/1.50	.875/1.37	.875/1.50	.875/1.37	17117 -8/3/1-3001	875/1.37	X1.000/1.125T	21X12X .875/1.500T	24X12X1.000/1.125T	X .875/1.3757	24X10X1.000/1.375T	X .875/1.500T	24×10×1.000/1.500T	.000/1.37	.875/1.50	.000/1.50	.875/1.50	0x1.000/1.750T	
	ON	16x 7x	2X1	16X 8X		16 x 91	18x 8	14x 9	16×10	16x 9x		18X 8X	16X10	16X11	18X 9)	18X11)	18x 9	18×11)	18X10	18X12	18X11)	21x 9x	18X 9X	21×10×	21x 9x	21×11	21X12	21x 9	21×10×	21×10×	21X11	244104	21×13×	24X11	21×12	24X12	21×14	24×10	21X13	24×10	24×11)	21X14X	24×11	21X15X	4×1	

0.1250 - 1/8 in.

CHEAD	ADEA	and a	74.	19.	• 65	.83	19.	• 65	*	.88	96	1.13	1				7001		1.03	1.67	1.63	1.65	1.77	2.36	2.08	2.38	2.10	2.40	2.08	2.42	2.40	3.22	2.42	3.25	3.60	3.27	3.62	3.29	2.45	3.64	3.27	3.62	3.29	3.64	3.27	3.67	3.64		
AMGE	TCK			_	_	_	_	.313	.313	.375	.438	378	2 . 2	24	1100		212				.375	.438	.500	.375	.500	.438	.563	.500	.500	. 563	005°	.438	.563	.500	.438	.563	.500	•625	.563	.563	.563	.500	.625	.563	.563	.625	.563	.509	
-		200	2000	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	4.00									· · · ·	4.00	4.00		**	4.00	4.00	2.00	4.00	2.00	00-4	2.00	***	4.00	4-00	0	4-00	9.00	4.00	2.00	2.00	2.00	2.00	6.00	5.00	6.00	2.00	
	THICK	200	•165	.188	.188	.188	.188	.188	.188	.250	.250	250	250	250	0000	200	250	0000	0000	0620	052.	.250	. 313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.375	.375	.375	.375	.375	. 313	.375	.375	.375	.375	.375	.375	.375	.375	.438	
DEAD	DEPTH	200	2.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.64	4 . 4 A	5.31	•	•		10.0		0000	***	6.38	9.44	5.50	7.38	6.50	7.44	9.56	7.50	6.50	7.56	7.50	9.44	7.56	8.50	9.44		9.50	8.63	1.56	9.56	9.56	9.50			8.56	9.63			
	AREA	-		1.06	_	1.25	1.38	5	1.69	1.88	2.06	2.13	2.10	2.21	2.3		2 56	00.0	2000	1007	3.00	3.25	3.56	3.69	3.88	3.94	4.13	4.19	4.38	***	69.4	4.75	2.00	2.00	5.13	5.52	5.38	2.50	2.56	5.63	5.81	5.88	6.13	6.19	6.38	6.50	6.75	99.9	
	YF			1.8	1.7	2.3	2.2	1.5	1.9	1.5	1.4		2					? .			5.2	7.7	2.0	3.1	5.4	5.9	5.4	2.8	2.2	2.8	5.6	3.5	5.5	3.4	3.9	3.3	3.8	3.2	2.3	3.7	3.0	3.6	3.0	3.5	2.8				
	A.A		1.	1.6	1.7	2.1	2.3	2.0	5.5	2.1	2.2	2.6	3.0		2.5			•			;	2.4	3.6	4.5	4.2	4.7	*:		4.5	2.0	5.1	5.1	2.5	5.3	2.5	2.4	2.8	2.6	2.4	6.0	2.5	6.1	5.8	6.3	5.9	6.4	6.5	6.5	
	~			1.4	1.4	1.8	1.8	1.4	1.8	1.4	1.4	1.8	2.1		2.0						2.5	5.5	2.1	2.8	5.5	2.8	5.5	2.8	5.4	2.8	2.8	3.1	5.8	3.1	3.5	3.1	3.5	3.1	2.7	3.5	3.1	3.5	3.1	3.5	3.1	3.5	3.4	3.8	
	THERTA	2 6	0.0	3.1	3.5	5.7	6.3	4.2	7.4		5.1	8.6	12.6		1.5		1001		2.02	0.12	4.22	0.42	18.1	33.6	27.0	35.8	58.4	38.0	29.1	*0.0	41.0	51.6	43.1	24.6	61.9	57.3	71.7	0.09	45.6	15.2	62.1	17.5	6.49	81.4	66.0	85.0	96.6	105.8	
MODIL US	751			1.7	2.0	5.5	5.9	2.8	3.9	3.3	3.6	4.5	5.2	2		7				•	•	6.6	•			15.2	15.1	13.4	13.2	14.5		14.8	17.2	16.1	17.2	17.4	18.7	18.6	19.7	20.1	50.2	21.8	21.9	23.6	23.5	25.2		25.7	
SECTION			0.1	1.9	2.0	2.7	2.8	2.1	5.9	2.3	2.4	3.2								0.0	0.0	2.5	2.0	7.5	4.9	7.7	6.5		6.5	9.1		10.1		10.3		10.6	12.3	10.8	•		10.9				11.2	13.2		16.2	
	WIVET		•			2.40				3.61		-					0			•		92.9				1.56		8.04		•	•	•	•	•	•	•	•	•	•	•	•	•			•		12.96	13.21	
	17F	1000	1001	. 25 UT	. 313T	.250T	.313T	.3131	.313T	.375T	.4381	3757	31.31	LART	1775	11 11	1616	175	12121		1575	.4381	. 500T	.375T	.500T	.438T	. 563T	.500T	.500T	. 563T	.500T	.438T	.5631	-500T	.438T	.563T	.500T	.6251	.5631	.563T	.563T	. 500T	.625T	.563T	.563T	.625T	.563T	-500T	
	3	25.	1631	198/	188/	188/	188/	188/	188/	1052	2507	250/	2501	250/	2501	25.07	2507	2000	1000	1000	1067	1062	313/	313/	313/	313/	313/	313/	313/	313/	313/	375/	313/	375/	3751	375/	375/	375/	313/	375/	375/	375/	375/	3751	3751	375/	3751	.438/	
	NOMIN			2 X	2×	2×	2x	3X	3×	3×	3×	XX	3×	*			, »		· ·	· ·		×	×																								9x 6x	2	

	SHEAR	AREA	3.67	4.69	4.72	3.87	4.34	4.69	4.75	4.72	4.34	4.75	4.31	6.36	4.76	6.39	4.75	6.36	24.9	4.78	6.39	4.34	6.42	6.52	6.45	6.42	6.45	8.32	6.45	8.36	6.52	8.39	8.36	6.52	8.39	7.41	8.39	8.47	7.41	8.47	8-47	8.53	9.55	7.41	8.53	8.30	9.66
*****	NGE	THICK	.625	.563	.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.688	.750	.625	.750	.688	.875	.750	.688	.750	.625	.750	.688	.875	.750	.688	-875	.750	1.000	.750	.875	1.060	.875	.875	1.000	1.125	1.000	1.000	1.125	
IONS	FLA	MIDTH	6.00	5.00	5.00	00-9	5.00	6.00	5.00	6.00	6.00	6.00	7.00	5.00	6.00	2.00	7.00	6.00	2.00	7.00	6.00	8.00	6-00	2.00	6.00	7.00	7.00	6.00	8-00	6.00	7.00	6-00	7.00	8-00	2.00	7.00	8.00	7.00	8.00	8.00	9.00			10.00	9-00	9.00	
	MEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	.438	.500	.438	.500	.500	.500	.500	. 500	.563	.500	.563	.500	.563	.563	.500	. 563	.563	.563	.563	. 563	.563	.563	.563	.625	.563	.563	.625	
SEAH		DEPTH	9.63	10.56	10.63	8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	12.56	12.69	10.75	12.63	9.75	12.69	12.88	12.75	12.69	12.75	14.63	12.75	14.69	12.88	14.75	14.69	12.68	14.75	13.00	14.75	14.88	13.00	14.88	14.88	15.00	15.13	13.00	15.00	13,13	
••••••		AREA	7.13	7.19	7.50	7.63	1.69	7.75	7.81	8.13	9.44	8.50	8.75	8.81	8.88	9.13	61.6	9.38	34.6	9.63	9.75	96.6	10.13	10.38	10.50	10.81	11.25	11.63	12.00	12.00	12.13	3	15.69	•	13.13	13.75		14.00	14.75	14.88	15.75	15.88	16.63	16.75	16.88	17.63	
		YF	3.1	4.0	3.9	2.8	3.3	3.8	3.8	3.7	3.1	3.6	3.0	5.0	3.5	4.9	3.3		4.9	3.3	4.7	2.7	4.6	4.6	4.5	4.3	4.2	5.7	4.0	5.6	4.0	5.5	5.3	3.6	2.5							4.6	6.9	3.4	4.4	3.7	
		YP	6.7	6.7	6.9	6.1	9.9	7.0	7.0	7.1	6.8	7.3	6.9	7.7	7.4	7.8	1.5	7.9	8.0	9.2	8.1	7.2	8.3	8.4	8.4	8.5	8.7	9.1	8.9	8.5	9.0	4.6	9.5	3.5	4.6		6.6				10.5		10.4	4.6	10.8	9.6	
		œ	3.4	3.8	3.8	3.1	3.4	3.8	3.8	3.8	3.4	3.8	3.4	4:4	3.8	4.4	3.7	4.4	4.4	3.7	4.4	3.3	4.4	4.5	4.4	4.4	4.4	5.1	4.4	5.1	4.4	5.1	5.1	4.3	5.1	2.5	5.1	5.1	4.3	5.1	5.0	5.0	5.1	4.2	5.0	4.3	
		INERTIA	90.3	110.9	115.8	76.2	97.8	118.2	120.5	123.4	103.8	128.2	105.3	182.1	133.0	189.9	135.0	194.2	197.4	139.6	202.6	113.5	210.4	218.3	218.1	222.0	6.622	312.3	240.3	354.2	244.7	335.8	342.3	255.4	354.4	274.4	371.0	377.2	286.3	394.7	410.2	416.5	3	306.0	432.3	329.4	
	MODULUS	ZFL	29.0	27.7	29.5	27.4	29.5	31.5	31.4	33.7	33.5	35.5	35.5	36.1	38.2	38.4	40.4	40.7	40.7	42.8	43.4	41.8	46.1	47.2	4.8.8	51.5	24.7	24.7	60.5	6.15	60.6	61.1	9.49	67.1	68.0	67.6	14.8	15.0	14.9	85.8	90.5	2.06	90.3	68.6	2.66	6.68	
	SECT ION	ZPL	13.5	16.5	16.9	12.6	14.9	17.0	17.2	17.3	15.3	17.6	15.3	23.7	17.9	24.2	18.0	24.4	24.7	18.3	54.9	15.8	25.4	55.9	25.8	26.0	56.4	34.4	56.9	35.1	27.2	35.7	35.9	27.7	36.6	30.5	37.3	37.7	30.7	38.4	39.0	39.6	45.6	31.5	0.04	34.2	
		1	9.		14.40	9.			-	9.	2.	.3			-				18.12	*	-		3.	6.	20.16			22.33	23.04	-	23.29	23.77	24.36	6	.25.21	3	59.92	26.88	28.32	28.57	30.24	30.49		32.16	3.		•
		32	.625T	.563T	.6251	.688T	.750T	.563T	.688T	.625T	.750T	.688T	.688T	. 563T	.750T	.625T	-688T	. 563T	.688T	.750T	.6251	.750T	.688T	.875T	. 750T	.688T	.750T	.625T	.750T	.688T	.875T	.750T	-688T	1878.	•	•	.7501	.8751	-000T							1251	
		IAL SIZE	375/	438/	438/	438/	438/	438/	438/	438/	438/	438/	438/	2007	438/	2007	1381	2007	2007	438/	2007	438/	2007	2007	2007	2007	2007	263/	2007	563/	2007	563/	563/	2007	263/	563/1	563/		.563/1.	563/	.563/ .97		625/1-12		563/1	625/1	,,,,,
		E	•	•	•	•	•	•	•	•	•	•	7x .	5x .	. x9	5x .	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	×	XO	. x6	. x6	
		2																															14×							14×				-	14×	12X	,

0.1563 - 5/32 in.

								******	*** BEAM		• ;	******	
	-	SECTION 10.	2			;	;			MED	•	ANGE	SHEAK
_		747		INERTIA	~	d.		AREA	DEPTH	THICK	HIOIM	2	AREA
	2	55.3	101.9	615.0	5.8	11.1	•	18.00	17.00	.688	7.00		11.80
1 0×		34.7		339.8	4.2	9.6	.5	18.75	13.13	.625	10.00	12	8.30
16X 8X .688/1.000T	*	56.5		2.449	2.1	11.4		19.00	17.00	.688	8.00	8	11.80
16x 7x .688/1.250T	37.92	58.0	117.3	9.519	5.8	11.6		19.75	17.25	.688	7.00	1.250	11.98
16x 9x .688/1.000T	3	51.5	122.0	9.019	2.1	11.7	.5	20.00	17.00	.688	8.00	2	11.80
	39.36	71.2	122.8	858.2	9.4	12.0		20.50	18.88	.750	00-9	.875	14.28
14X 9X .688/1.250T	40.09	48.2		528.8	5.0	11.0	3	20.88	15.25	.688	9.00	1.250	10.60
16×10× .686/1.000T	40.32		131.9	694.5	2.1	11.9		21.00	17.00	.688	10.00	1.000	11.80
X6	19.04	6.85	131.6	703.5	2.1	11.9		21-13	17.13	.688	9.00	1-125	11.89
187 9x . 750/ . 8751	41.05	72.6	133.1	894.3	4.9	12.3		21.38	18.88	.750	9.00	-075	14.28
	41.28	73.2	133.3	905.5	4.9	12.4		21.50	19.00	.750	8-00	1.000	14.37
		8.65	142.6	728.0	9.6	12.2		22.22	17.13	.688	10-00	1.125	11.89
	68.44	60.5	153.2	750.1	9.6	15.4	6	23.38	17.13	.688	11-00	N	11.89
	45.37	76.4	156.2	6.686	4.9	13.0		23.63	19.13	.750	9.00	1.125	14.46
18X11X . 750/1.000T	47.04	77.0	167.6	1010.3	6.3	13.1	0.9	24.50	19.00	.750	11.00	1.000	14.37
		78.1	167.6	1033.9	9.4	13.2	2.	24.75	19.25	.750	9.00	1.250	14.55
	69.64	78.8	181.0	1058.6	6.3	13.4	6	25.88	19.13	.750	11.00	1-125	14.46
	49.92	79.3	181.2	1070.8	6.3	13.5	6	-	19.25	.750	10.00	1.250	14.55
	51.84	19.8	193.3	1088.9	6.3	13.7	9.6	27.00	-	.750	12.08	1.125	14.46
11x	52.32	90.4	194.7	1104.4	6.3	13.7		~	19.25	.750	11.00	1.250	14.55
×6	54.72	111.2	199.4	1591.2	7.4	14.3		28.50	-	.875	9.00	1.125	19.50
	56.16	1.16	195.1	1220.4	4.9	13.4	6.3	9.5		.875	9-00	1.500	17.20
	56.89	113.2	214.3	1650.8	4:	14.6	1.	29.63	-	.875	10.00	1.125	19.50
	29.04	116.1	225.9	1726.3	7.4	14.9	1.	30.75	22.38	.875	9.00	1.375	19.72
	29.04	115.0	229.0	1706.2	1:	14.8		30.75	22.13	.875	11.00	1.125	19.50
	61.21	116.6	244.0	1757.8	1.4	15.1	7.2		22.13	.875	12.00	1.125	19.50
	61.21	118.3	238.8	1792.7	*	15.5	.5	31.88	2	.875	9-00	1.500	19.82
	61.69	118.0	243.7	1792.2	1.4	15.2	4	32.13	M	.875	10.00	1.375	19.72
	60.49	120.2	258.2	1858.4	1.4	15.5		33.38	2	.875	10-00	1.500	19.85
	64.32	119.8	261.1	1851.0	7.4	15.4		2	22.38	.875	11-00	1.375	19.72
21x11x .875/1.500T	66.97	122.0	276.8	1918.5	*	15.7	6.9	34.88	20	.875	11-00	1.500	19.82
24x10x1.000/1.1251	90.00	15/04	200	2.5052	**	15.0	*	35.65	22.13	1.000	10.00	1.129	62.63
244144 000/11:3131	20.00	160 4	284. 3	ם ת		12.3		UN	0 1		100	1.126	26.20
21x12x .875/1.500T	69.85	123.5	2.565	973	7.3	16.0	2.7	36.38	, =	875	12.00	1.500	19.82
24x12x1.000/1.125T	72.00	162.5	301.5	699	9.4	16.4	6.8	.5	13	1.000	12.00	12	25.29
21X14X .875/1.375T	72.25	124.1	312.8	N	7.2	16.1	4.9	37.63	M	.875	14.00	1.375	19.72
24X10X1.000/1.375T	72.48	164.3	301.6	-	8.4	16.5	9.0	37.75	m	1.000	10.00	1.375	25.54
21X13X .875/1.500T	72.73	124.9	313.9	2024.6	7.3	16.2	4.9	37.88	S	•	13.00	1.500	19.82
24×10×1.000/1.500T	74.88	167.4	318.4		8.4	16.8	8.8		5	1.000	10.00	1.500	55.66
	75.13	167.0	322.0	2807.6	8.4	16.8	8.7	39.13	25.38	1.000	11.00		25.54
21X14X .675/1.500T	75.61	156.1	332.4	~	7.2	16.4	2.9		2	8	14.00		
24x11X1.000/1.500T	17.76	170.1		5303.9	8.4	17.1	8.5		25.50	1.000	11-00	1.500	
21X15X .875/1.500T	78.49	127.3	350.4	2115.4	7.1	16.6	6.0	40.88	22.50	.875	15.00	1.500	19.85
24×10×1.000/1.750T	19.68	173.1	351.2	3004.0	9.5	17.4	9.6	41.50	25.75	1.000	10.00	1.750	
				6731 0	, 6/ 5								

.156 IN. PLATE (AREA = .56 SO.IN.)

in

5/32

0.1875

in.

3/16

0.1875

AR	ñ		. 32	.83	00.	. 83	.30	.62	. 83	.91	30	.39	.91	.91	64	34	28	04		. 20	64.	. 58	1.53	.23	.53	.75	.53	.53	. 85	.75		.75	. 85	. 32	.75	. 32	. 95	.32	.75	.57	. 85	69.	.57	.85	69.	. 85	76
S		=	•	11	12	11	1,	=	11	11	14			11	14				•	-	2	=	=	17	13	19	13	19	13	19	13	19	13	52	5	52	13	25	19	52	19	25	25	13	25	19	52
	2	8	N	1.00	2	0	-	25	0	1-125	~	0	N	1.125	N	-	1.250	1.126		2	-	1.250	1.125	1.500	1.125	1.375	1.125	1.125	1.500	1.375	1.500	1.375	1.500	1.125	1.375	-	1.500	1.125	1.375	1.375	•	1.500	1.375	5	20	1.500	1.750
53	E IOTE	2.00	10-00	8-00	7.00	9.00	8-00	9-00	10.00	9-00	9.00	8-00	10-00	11-00	9.00	11.00	00 0			10.00	12-00	11.00	9.00	9.00	10.00	9.00	11-00	12-00	9-00	10-00	10-00	11.00	11-00	10.00	13.00	11-00	12-00		14.00			10.00	11.00	14.00	11.00	15.00	10.00
	HICK	.688	.625	.688	.688	.688	.750	.688	.688	.688	.750	.750	.688	99	15	75	750	750		. 750	.750	.750	.875	.875	.875		.875	.875	.875	.875	.875	.875	.875	1.000	-	1.000	.875	1.000	•	0	87	8	00	.875	0	~	1.000
7,030	DEPIH	17.00	13.13	17.00	17.25	17.00	18.88	15.25	17.00	17.13	18.88	19.00	17.13	17.13	19.13	19.00	19.25	10.13	200	19.25	19.13	19.25	22.13	19.50	22.13	22.38	22.13	22.13	22.50	22.38	22.50	22.38	22.50	25.13	22.38	25.13	22.50	25.13	22.38	25.38	22.50	25.50	25,38	22.50	25.50	22.50	52.75
4	AKEA	•	18.75	19.00	19.75	20.00	20.50	20.08	21.00	21-13	21.38	21.50	22.25	23.38	9	24.50				_	_		-		-	.75		. 88	.88	.13	.38	20	.88	. 25	52.	.38	.38	.50	.63	.75	37.88		.13	.38	.50	40.88	0
*	-	6.2	3.6	5.9	5.9	9.6	7.1	4.6	5.4	5.5	6.9	6.9		5.0		6.2		, c			8		-	*			9	7.3	7.6	7.5	7.3	7.2	7.0	9.5	9	9.5	6.8	9.0	6.5	9.1	9.9	8.9	8.8	6.3	8.6	6.1	8.7
S	1	11.0	4.6	11.3	11.5	11.6	11.9	10.9		11.8	12.2	12.3	12.1	12.3	12.9	13.0	13.1			13.4	13.6	13.6	14.2	13.3	14.5	14.8	14.8	15.0	15.1	15.1	15.4	15.4	15.6	15.8	15.9	16.1	15.9	16.4	16.1	16.5	16.1	16.7	16.7	16.4	17.0	16.6	17.3
•	*	5.9	4.3	5.8	5.9	5.8	6.5	5.1	5.8	5.8	6.5	6.5	5.8	5.7	6.5	4.9	6.5	,	;	*	9.4	4.9	1.5	6.5	7.5	7.5	1.5	1.4	1.5	1.5	1.5	1.5	3.	5.0	*	*	5.	8.5	7.3	8.5	7.3	8.5	8.5	7.3	8.5	7 .2	9.5
	INEKITA	6.449	363.0	675.7	708.6	703.6	893.5	558.0	728.8	738.1	931.2	942.7	764.0	787.5	1030.7	1052.2	1075.6	1102.6		1115.1	1134.3	1150.3	1641.1	1264.2	2	1782.3	1759.9		1848.7		1916.8	1909.2	1978.8		2017.5	2653.7	2036.2	2735.5	90	2	80	8	2876.7	2137.7	-	2183.0	3077.7
운	-	0	0	114.6	2	124.9	~	122.4		m	135.8	9	145.9	9	0	-	1	1 4			3	9	202.6	198.6		229.5	232.6	3	45.	3	62.		281.1	270.7	0	298.0	0	0	317.6	305.4	318.8	322.4	326.0	337.5	344.7	355.8	355.6
SECT ION	747	9.85	37.4	89.8	61.4	6.09	74.8	51.3	61.8	62.3	76.3	76.9	63.2	;			-		:.	2		84.3	115.4				119.3	120.9		122.4		154.2			127.2		128.0				159.5				175.0	131.9	178.1
	-		•	*		*			~	40.57	-	2	-			-			•			~	-	7		\$9.04		2.	61.21	. 6	60.49			9	9.6			•	2	*			-	75.61	1.	*	9.
3213 1447101	AL SIZE	7X .688/1.000T	625/1	8X .688/1.000T	688/1.25	688/1.00	8x .750/ .875T	9x .688/1.250T	688/1.00	688/1.12	1878. 1507 xe	750/1.00	688/1-12	11X .688/1.125T	9x .750/1.1257	750/1-00	750/1.2	750/1 12	מני יוייייי איייייייייייייייייייייייייייי	150/1-25	750/11-12	750/1.25	9x .875/1.125T	875/1.50		9x .875/1.375T	875/11-12	875/11-12	9x .875/1.500T	10X .875/1.375T	10x .875/1.500T	11X .875/1.375T	11X .875/1.500T	000/1	21X13X .875/1.3751	11X1.000/1.125T	0	N	14X .875/1.375T	-	0	10X1.000/1.500T	-	21X14X .875/1.500T	0	1X15X .875/1.500T	4x10x1.000/1.750T
		16×	12X	16×	16X	16×	18X	14X	16X	16X	18X	18X	16X	16X	18X	18X	1 AX	***		101	18X	18X	21X	18X	21X	21X	21X	21X1	21X	21X	21X	21X11X .	21X	24×	Z1X	24X	21X	24X	21X	24X	21X	24X	24X	21X	24X1	21×1	24X

0.1875 - 3/16 in.

								******	BEA	M DIMENSIONS		*******	
		SECTION	MODOLUS							ME8		FLANGE	SHEAR
NOMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	~	YP	YF	AREA	DEPTH	THICK	MIDIM	THICK	AREA
24X13X1.000/1.375T	80.41	176.4	367.5	3047.2	4.6	17.3	8.3	41.88	25.38	1.000	13.00	1.375	25.57
24x12x1.000/1.500T		177.4	366.9	3071.9	8.5	17.3	*	45.00	25.50	1.000	12.00	1.500	25.69
21x16x .875/1.500T	81.37	132.9	374.1	2225.2	7.2	16.7	5.9	42.38	22.50	.875	16.00	1.500	19.85
24X11X1.000/1.750T		180.8	380.9	3179.8	8.5	17.6	8.3	43.25	25.75	1.000	11.00	1.750	25.94
24X14X1.000/1.375T		178.4	387.9	3124.5	8.4	17.5	8.1	43.25	25.38	1.000	14.00	1.375	25.57
24x13x1.000/1.500T	83.52	179.5	389.4	3156.5	8.4	17.6	8.1	43.50	25.50	1.000	13.00	1.500	25.69
24x15x1.000/1.375T	85.69	160.3	407.6	3196.8	8.4	17.7	7.8	44.63	25.38	1.000	15.00	1.375	25.57
24X12X1.000/1.750T	86.40	183.1	406.3	3274.2	8.5	17.9	8.1	45.00	25.75	1.000	12.00	1.750	25.94
24X14X1.000/1.500T	86.40	181.6	411.2	3235.2	8.4	17.8	7.9	45.00	25.50	1.000	14.00	1.500	25.69
24x15x1.000/1.500T	83.28	183.4	433.0	3309.1	4.0	18.0	1.6	46.50	25.50	1.000	15.00	1.500	55.69
24X13X1.000/1.750T		185.3	431.4	3361.8	8.4	19.1	7.8	46.75	25.75	1.000	13.00	1.750	25.94
27x12x1.125/1.375T	90.01	232.8	418.9	4274.5	9.5	18.4	10.2	46.88	28.38	1.125	12.00	1.375	32.14
27X13X1.125/1.375T		235.9	442.6	4395.8	9.5	18.6	6.6	48.25	28.38	1.125	13.00	1.375	32.14
27x12x1.125/1.500T		237.1	442.3	4427.6	9.6	18.7	10.0	46.38	28.50	1.125	12.00	1.500	32.27
24X14X1.000/1.750T	93.12	187.3	455.7	3442.9	8.4	18.4	7.6	46.50	25.75	1.000	14.00	1.750	25.94
27X14X1.125/1.375T		238.9	465.6	4510.1	9.5	18.9	4.6	49.63	28.38	1.125	14.00	1.375	32.14
27X13X1.125/1.500T		240.2	467.6	4552.7	9.6	19.0	9.7	49.88	28.50	1.125	13.00	1.500	32.27
24x15x1.000/1.750T		189.0	6.004	3519.0	8.3	18.6	7.3	50.25	25.75	1.000	15.00	1.750	25.94
27x12x1.125/1.750T	98	544.9	487.8	4718.2	6.6	19.3	4.6	51.38	28.75	1.125	12.00	1.750	32.55
27x15x1.125/1.500T	101	245.8	517.7	4781.8	9.4	19.5	9.5	52.88	28.50	1.125	15.00	1.500	32.27
27×13×1-125/1-750T	105.01	248.1	516.7	4849.8	9.5	19.6	9.6	53.13	28.75	1.125	13.00	1.750	32.55
27x12x1.125/2.000T		252.1	531.3	9.0664	9.5	19.0	9.6	54.38	29.00	1.125	12.00	2.000	32.84
27x14x1.125/1.750T	105.37	251.0	545.3	4973.1	9.4	19.8	9.1	24.88	28.75	1.125	14-00	1.750	32.55
27x13x1.125/2.000T	108.25	255.2	563.6	5127.3	9.5	20.1	9.1	56.38	29.00	1.125	13.00	2.000	32.84
30x15x1.250/1.500T		319.8	615.5	6657.1	10.5	20.8	10.9	99.00	31.50	1.250	15.00	1.500	39.61
30x16x1.250/1.500T		323.2	2.019	6807.4	10.5	21.1	10.6	61.50	31.50	1.250	16.00	1.500	39.61
30x14x1.250/1.750T	119.04	326.6	643.2	6917.6	10.5	21.2	10.8	62.00	31.75	1.250	14-00	1.750	39.92
30x17x1.250/1.7507	129.12	336.8	739.7	7391.5	10.4	21.9	10.0	67.25	31.75	1.250	17.00	1.750	39.92
30x15x1.250/2.000T		339.6	737.0	7483.1	10.5	22.0	10.2	67.50	32.00	1.250	15.00	2.000	48.23
30x16x1.250/2.000T		345.9	773.3	7646.6	10.4	22.3	6.6	69.50	32.00	1.250	16.00	2.000	40.23
33X17X1.375/1.750T	144.25	458.5	859.8	9.0666	11.5	23.3	11.6	75.13	34.75	1.375	17.00	1.750	40.04
33x15x1.375/2.000T		431.6	857.6	10102.6	11.5	23.4	11.8	75.38	35.00	1.375	15.00	2.000	48.38
33×16×1.375/2.000T	148.57	436.2	897.8	10330.1	11.5	23.7	11.5	77.38	35.00	1.375	16.00	2.000	46.38
33X17X1.375/2.000T		4.044	938.0	10546.2	11.5	23.9	11.2	79.38	35.00	1.375	17.00	2.000	48.38
36x16x1.500/1.750T	157.44	528.4	952.1	12890.6	12.5	24.4	13.5	82.00	37.75	1.500	16.00	1.750	56.91
36x17x1.500/1.750T	-	534.1	6.066	13165.8	12.5	24.7	13.3	83.75	37.75	1.500	17.00	1.750	56.91
36x15x1.500/2.000T	161.28	537.6	989.1	13300.0	12.5	24.7	13.4	84.00	38.00	1.500	15.00	2.681	57.28
36x16x1.500/2.000T	.:	543.6	1033.4	13603.4	12.5	25.0	13.2	96.00	38.00	1.500	16.00	2.000	57.28

.166 IN. PLATE (AREA= .81 SQ.IN.)

										****** BEAM			******
			SECT TON	2							ME8	FLA	ANGE
OMINAL	_	HIVET	747	-	INERTIA	*	4	4	AREA	DEPTH	THICK	MIDIN	THICK
/671.		1.44	2.5	1.5	***	***	3:	2.5		-	621.	2-00	.188
188/	3131	2.28	7. 1	2.2	1.,		1.4	2.1	1.19	3.31	188	2002	313
186		2.40	4.5	2.7	7.5	1.8	1.7	2.8	1.25	4.25	.188	2.00	.250
.108/		59.2	4.6	3.1	9.4	1.8	1.8	2.2	1.38	4.31	.188	2.00	.313
.188/		2.88	3.6	3.1	6.6	1.5	1.6	1.9	1.50	3.31	.188	3.00	.313
.188/	•	3.24	4.8	4.2	10.2	1.9	2.1	4.2	1.69	4.31	.188	3.00	.313
.250/		3.61	3.8	3.6	1.9	1.5	1.8	1.8	1.88	3.38	.250	3.00	.375
.250/		3.96	3.9	4.0	7.2	1.5	1.9	1.8	5.06	3.44	.250	3.00	.438
.251		60.4	5.5	5.0	11.7	1.9	2.3	2.3	2.13	4.38	.250	3.00	.375
152		4.20	4.9	2.5	16.7	2.3	5.6	6.2	2.19	5.31	.250	3.00	.313
.2507		4.44	5.3	5.5	12.6	1.9	5.4	2.3	2.31	4.44	.250	3-00	.438
.250/		4.57	9.9	9.9	18.2	2.3	2.8	8.2		5.38	.250	3.00	.375
.25		4.68	6.2	7.1	54.5	5.6		3.4	2.44		.250	3.00	.313
1052.		4.92	6.8	7.2	19.7	2.3	6.2	8.2	.5	5.44	.250	3.00	.438
.2507		5.05	8.1	8.0	56.6	2.7	3.3	3.3	2.63	6.38	.250	3.00	.375
1052.	•	2.40	4.8	8.8	28.6	2.7	3.4	3.2	2.81	99.9	.250	3.00	.438
1052.		5.76	9.4	9.6	6.62	2.7	3.5	3.1	0	6.38	.250	4.00	.375
.250	•	42.9	9.0	11.0	32.2	2.7	3.7	5.9	3.25	9.44	.250	4.00	.438
.313/		6.84	7.4	10.0	54.4	2.3	3.3	5.4	3,56	5.50	.313	0	.500
.313/	•	7.08	10.7	15.1	43.1	3.0	0.4	3.6	.6	7.38	.313	0	.375
.313/	•	7.45	9.3	12.4	35.6	2.7	3.8	5.9		6.50	.313	4.00	.500
.313/	•	7.56	11.0	13.4	46.2	3.0	4.2	3.4		7.44	.313	4.00	.438
.313/	•	7.93	4.6	13.4	37.6	2.7	0.4	2.8	4.13	9.56	.313	00.4	.563
.313/	•	\$0.8	11.2	14.7	49.1	3.0	3.5	3.3	-	7.50	.313	4.00	.500
.313/	•	8.41	9.6	14.7	38.7	2.7	4.1	5.6	4.38	6.50	.313	2.00	.500
.313/	•	8.52	11.4	16.0	51.9	3.1	4.5	3.5	*	7.56	.313	00.4	.563
.313/	•	9.00	11.5	17.4	53.5	3.0	4.7	3.1	69.4	7.50	.313	2.00	.500
.375/		9.12	13.7	•	64.3	3.3	4.7		-	8.44	.375	4.00	. 438
.313/	•	9.60	11.7	19.0	56.3	3.0	4.8	3.0	-	7.56	.313	2.00	. 563
.375/	•	9.	14.0	17.7		3.3	4.9	3.8	2.00	8.50	.375	4.00	.500
.375/	•	3.8	16.0	18.9	83.6	3.7	2.5	4.4	-	3	.375	00-4	.438
.375/	•	0	14.3	19.1	711.7	3.4		3.8	2.52	8.56	.375	00 - 7	.563
.375/		10.33	16.4	:	4.88	3.7	2.4	4.3	~	9.50	.375	4.00	.500
.375/		0	14.6		15.2	3.4		3.7	.5	8.63	.375	4.00	.625
.313/	•	10.68	11.9	21.9	0.09	3.0		2.7	95.5	7.56	.313	0	. 563
.375/	•	0	16.7	-	95.8	3.7	9.6	4.2			.375	0	.563
.375/	•	1:1	14.7		8	3.4	5.3	3.5		8.56	.375	0	.563
.375/		-	16.9	23.8	0.96	3.7	2.1	4.0		2	.375	0	.500
.375/	•	1.7	15.0		81.8	3.4	5.5		6.13	8.63	.375	0	.625
.375/	•	1.3	17.2		100.9	3.7	5.9		6.19	9.56	.375	0	.563
.375/	•	12.25			83.4	3.3	5.5		6.38	9.56	.375	0	96
.375/		12.48		27.6	105.6	3.7		3.8	.5	9.	.375	2.00	.625
.375/									-				-
	•		٠	58.5	•	3.6		3.	6.75	9.56	.375	0	. 563

0.2188

SECTION MODULUS  NOTITAL SIZE  NOTITAL SIZE										•	*** BEA	-	SI ONS **	*****	
Name				ECT	MODUL							ME B	-	z	
10. 0.001.1.251         6.2-5. 107.1.         679.6.         6.0         11.2         6.1         11.2         6.1         11.2         6.1         11.2         6.1         11.2         6.1         11.2         6.1         11.2         6.1         11.3         6.2         6.0         11.4         6.1         11.9         17.0         6.0         10.0         10.0         6.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	NON	-	HI /FT	ZPL	2F	NER	œ	YP		1.1	-	HIC	_	THICK	
0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0.         0.0. <td< td=""><td>16x 73</td><td></td><td>34.56</td><td>65.5</td><td>107.</td><td>:</td><td>9.0</td><td>10.9</td><td>-</td><td>-</td><td>0</td><td>.688</td><td></td><td>1.000</td><td></td></td<>	16x 73		34.56	65.5	107.	:	9.0	10.9	-	-	0	.688		1.000	
8. 68 61 10001         35.48 6 53.6 117.5         772.2 6.0 114.4 6.119.70 17.00         66.9 10.00         35.6 10.00         55.6 10.00         7.3 20.00         17.00         66.9 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00         7.0 10.00			36.00	9.04	104.	•	4.4	6	~		-	.625	_	1.125	
7X. 5681.1.001         37.92         65.5         123.2         746.7         6.011.4         6.11.97.75         17.25         688         7.50           8X. 5681.1.001         37.9         65.9         123.2         741.9         5.2         110.0         7.7         10.0         17.0         6.6         9.00           9X. 6681.1.001         37.3         125.9         292.0         12.2         110.0         7.7         10.0         17.00         6.6         9.00           9X. 6681.1.001         40.2         13.0         47.0         6.6         12.1         7.7         10.0         17.0         6.6         9.00           9X. 6881.1.001         40.2         13.0         17.0         10.0         17.0         10.0         9.00         9.00           1X. 6881.1.007         40.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0         18.0			36.48	63.8	117.		9.0	=	-	0	0	.688	_	1.000	
9x x 750 x 375 3 34 6 64.9 1 28.2 3 34.4 6 54 11.6 5 5 2 2 10.0 17 10 10.8 10 10 10 10 10 10 10 10 10 10 10 10 10			37.92	65.5	123.		6.0	:	-		N	.688	0	1.250	
8x         7501         2502         2504         6.6         11.0         7.5         20.50         15.0         93.4         6.6         11.0         7.5         20.50         15.0         95.0         15.0         95.0         15.0         95.0         15.0         95.0         11.7         5.6         21.0         15.0         6.0         90.0           0x         6.00.1.1.27         41.0         6.0         13.0         77.0         6.0         12.1         17.1         5.6         21.0         17.0         6.0         9.0         9.0           0x         6.00.1.1.27         41.0         6.0         13.1         97.0         6.0         12.1         17.0         17.0         9.0         9.0           0x         6.00.1.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0			38.40	6.49	128.	•	5.9	:		0	0	.688	0	1.000	
93			39.36	79.1	28.	:	9 9	:	m	10	8	.750	0	.875	
9X	14X 9X		60.03	55.0	25.	:	5.5	10.8	~	•	~	.688	0	1.250	
9 x 7507 1257 41.05 41.05 40.6 4 138.1 778.3 5.9 11.7 5.6 21.13 17.13 5.60 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.			40.32	6.59	38.		5.9	11.7	9	0	0	.688	0	1.000	
9X         7501         91         91         91         91         91         91         91         91         91         92         93         93         93         93         93         93         93         93         93         93         93         93         93         93         93         93         93         93         93         94         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         95         9		. 688/1	40.57	9.99	m		6.5	11.7	9	-	-	.688		1.125	
05. 6. 10.00         41.2         61.3         139.1         965.6         6.6         12.1         7.1         19.0         .750         10.0           10. 6. 60         41.2         6.0         10.0         5.9         12.2         55.3         17.13         .608         110.0           10. 6. 60         41.0         6.0         10.0         6.0         12.2         5.2         5.1         11.1         .608         11.0           11. 750/11257         45.0         10.0         6.0         12.0         6.2         22.2         11.0         11.0           12. 750/11257         45.0         10.0         10.0         6.0         12.0         6.2         22.2         11.0         750         11.0           13. 750/11257         40.0         10.0         11.0         6.0         12.0         6.2         22.0         11.0         11.0           13. 750/11257         40.0         10.0         11.0         6.0         13.3         6.0         12.2         6.0         12.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0 <td< td=""><td></td><td>1052.</td><td>41.05</td><td>9.09</td><td>38.</td><td>:</td><td>9.9</td><td>2</td><td>0</td><td>•</td><td></td><td>.750</td><td></td><td>.875</td><td></td></td<>		1052.	41.05	9.09	38.	:	9.9	2	0	•		.750		.875	
11. 680/11257         42.72         67.4 149.6         806.0         5.9         12.0         5.4 22.2         5.17.13         .688         11.00           11. 600/11257         45.37         14.9.6         80.2         107.2         6.6         12.7         6.6         2.8.6         17.13         .688         11.00           11. 750/11257         45.37         84.7         162.9         107.2         6.6         12.7         6.1         2.7         19.13         .750         9.00           11. 750/11257         49.63         87.2         188.6         115.3         6.5         13.2         6.1         2.6         2.6         19.13         .750         11.00           11. 750/11257         49.63         87.2         188.9         6.6         13.5         6.2         2.6         19.15         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.00         19.0		.750/1	41.28	81.3	39	985.8	9.9	2	-	E	0	.750	0	1.000	
11. 10.04.1.1.1.251	16×10×		42.72	67.4	.64		6.5	è	*	N	-	.688	0	1.125	
9X. 756711257         45.37         84.7 162.9         1072.2         6.6         12.7         6.6         23.63         19.13         750         9.00           1X. 75671.257         47.24         85.3         174.6         1101.0         6.6         12.9         6.3         24.5         19.13         .750         9.00           1X. 75671.257         49.6         17.4         1155.8         6.5         13.2         6.2         26.0         19.13         .750         110.00           1X. 75671.257         59.4         80.2         201.4         1165.8         6.6         13.5         6.2         26.0         19.13         .750         110.00           1X. 75671.257         56.2         12.2         1165.8         6.6         13.5         5.9         27.00         19.13         .750         110.00           1X. 75671.257         56.16         19.2         1165.8         6.6         13.5         5.9         27.0         19.13         .750         110.00           1X. 75671.257         56.16         19.2         10.2         10.2         10.2         10.0         10.0         10.0           1X. 7571.257         56.2         10.2         10.2         10.2	16×11)		44.89	68.2	60.	:	5.8	2	2	m	-	.688	0	1.125	
11. 75071.0007         47.52         46.53         174.6         1101.0         6.6         12.9         6.3         24.5         19.25         750         11.0           13. 75071.2507         49.69         87.2         174.6         1153.8         6.6         13.0         6.4         47.7         19.25         750         11.0           10. 75071.2507         49.69         87.2         1186.9         116.8         6.6         13.3         6.2         26.00         19.15         750         11.0           10. 75071.2507         51.34         86.2         20.1         19.25         750         11.0           10. 75071.2507         51.34         86.5         13.5         5.9         27.0         19.25         750         11.0           10. 8. 7577.1.2507         52.02         13.6         13.5         76.1         14.4         80.2         26.1         11.0         75         11.0         75         11.0           10. 8. 757.1.2507         56.9         12.2         221.5         176.2         14.4         80.2         26.1         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0 <t< td=""><td>18X 9X</td><td>-</td><td>45.37</td><td>84.7</td><td>62.</td><td>078.</td><td>9.9</td><td>2</td><td>9</td><td>·</td><td>-</td><td>.750</td><td></td><td>1.125</td><td></td></t<>	18X 9X	-	45.37	84.7	62.	078.	9.9	2	9	·	-	.750		1.125	
99. 75671.2591         47.52         86.5         174.0         1125.2         6.6         13.0         6.4 24.75         19.25         7750         19.0           10x 75071.2597         49.63         18.6         115.8         6.5         13.2         6.6         12.3         6.5         13.6         19.25         7750         110.00           2x 75071.2597         51.84         88.2         201.4         1187.3         6.5         13.5         5.9         27.00         19.13         7750         110.00           3x 87571.2597         56.16         99.5         201.4         1187.3         6.6         13.5         5.9         27.00         19.13         7750         110.00           9x 87571.1257         56.16         199.5         202.6         131.3         7.6         14.4         7.7         19.5         17.00         19.13         7.5         110.00           9x 87571.1257         59.04         125.6         233.5         14.6         7.6         14.4         7.7         19.5         10.00         19.1         10.00         19.1         10.00         19.1         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00 </td <td>18X11X</td> <td></td> <td>47.04</td> <td>85.3</td> <td>74.</td> <td>101.</td> <td>9.9</td> <td>2</td> <td>m</td> <td>10</td> <td>0</td> <td>.750</td> <td>0</td> <td>1.090</td> <td></td>	18X11X		47.04	85.3	74.	101.	9.9	2	m	10	0	.750	0	1.090	
1X         750/1.1251         49.69         87.2         108.6         1153.8         6.5         13.2         6.1         25.00         19.13         .750         110.00           1X         750/1.257         49.92         87.8         108.9         1166.8         6.6         13.3         6.2         26.01         19.13         .750         110.00           1X         750/1.257         40.02         202.9         1203.9         6.5         13.5         5.9         27.00         19.13         .750         110.00           9X         875/1.257         56.09         120.5         202.6         135.3         7.6         14.1         6.2         26.00         19.50         .750         110.00           1X         875/1.257         56.09         122.6         23.5         16.69         17.6         14.7         6.2         26.13         17.0         10.00         10.00         10.00         10.00         10.00         10.00         10.00         11.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00	18X 9X		47.52	86.5	74.	126.	9.9		3		N	.750	0	1.250	
0X         750712501         49.32         97.8         186.9         1166.8         6.6         13.3         6.2         26.0         19.25         .750         110.0           2X         750712507         51.34         88.9         201.4         1186.3         6.5         13.5         5.9         27.00         19.25         .750         110.00           9X         87571.2507         54.72         120.5         216.2         16.99.3         7.6         14.1         6.2         28.13         .875         111.00           9X         87571.257         56.0         13.5         16.2         28.2         18.7         19.2         111.00           9X         87571.257         56.0         122.5         18.6         7.6         14.7         7.9         30.7         22.13         875         10.00           9X         87571.257         59.0         125.6         23.5         1845.5         7.6         14.7         7.9         30.7         22.13         875         10.00           1X         87571.277         59.0         194.2         7.6         14.7         7.9         30.7         22.13         875         10.00           1X         8	18X11X		69.69	87.2	88.	153.	6.5		-		-	.750	0	1.125	
13.         7507.1.257         51.84         88.2         201.4         1187.3         6.5         13.5         5.9         27.0         19.13         .750         12.00           13.         7507.1.257         56.7         20.2         13.5         6.9         27.0         19.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         13.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0	16X10X		49.32	87.8	88.	166.	9.9		2		N	.750	-	1.250	
1X         750/1.2501         55.32         68.9         202.9         1203.9         6.5         13.5         5.9         27.25         19.25         750         11.0           9X         675/1.1257         54.72         120.5         202.6         1699.3         7.6         14.1         6.2         22.25         13.3         875         19.00           0X         675/1.1257         56.99         122.6         233.5         1445.5         7.6         14.4         7.9         30.75         22.33         9.00           1X         875/1.1257         59.04         125.6         233.5         1445.5         7.6         14.6         7.7         30.75         22.33         9.00           1X         875/1.1257         59.04         125.6         233.5         1445.5         7.6         14.9         7.5         31.80         22.33         9.00           1X         875/1.1267         59.04         125.6         1314.2         7.6         15.0         7.5         31.80         22.33         9.00           1X         875/1.5007         64.09         127.6         251.9         1914.2         7.6         15.0         7.8         31.80         22.5         10.	18X12X		51.84	88.2	01.	187.	6.5	13.5	6			.750	0	1.125	
9x	18X11X		52.32	88.9	02.	203.	6.5	13.5	0	-	N	.750		1.250	
9x .875/1.5007 56.16 99.5 202.6 1315.3 6.6 13.2 6.5 29.25 19.50 .875 9.00 0	21x 9x		54.72	20.	90	.669	7.6	14.1	2	10	-	.875		1.125	
0X         875/1.1257         56.89         122.5         221.5         1763.2         7.6         14.4         8.0         29.63         22.13         .875         10.00           9X         .875/1.3757         59.04         125.6         233.5         1845.5         7.6         14.7         7.9         30.75         22.33         .875         10.00           1X         .875/1.257         61.21         126.4         252.1         1878.2         7.5         14.9         7.5         31.83         22.33         .875         12.00           1X         .875/1.257         61.21         127.9         246.9         1914.2         7.6         15.0         7.8         31.83         22.50         .875         12.00           1X         .875/1.3757         64.9         127.4         7.6         15.0         7.6         32.13         .875         10.00           1X         .875/1.3757         64.9         127.4         7.6         15.0         7.6         32.33         22.53         .875         11.00           1X         .875/1.3757         66.97         131.6         26.0         1914.2         7.6         15.0         7.6         32.33         0.2	16x 9x		56.16	99.	02.	315.	9.9	13.2	5	A.	5	.875	-	1.500	
9x	21×10×		56.89	22.	21.	763.	7.6	14.4	0		-	.875		1.125	
************************************	21x 9x		59.04	25.	33.	1845.5	7.6	14.7	6		m	.875	-	1.375	
************************************	21X11)		29.04	24.	36.	1822.7	7.6	14.6	1	-	-	.875		1.125	
.875/1.500T         61.21         127.9         246.9         1914.2         7.6         15.0         7.8         31.88         22.50         .875         10.00           .875/1.500T         64.09         127.6         251.9         1914.3         7.6         15.3         7.6         32.13         22.58         .875         10.00           .875/1.500T         64.09         127.6         26.9         197.4         7.6         15.3         7.3         34.8         22.50         .875         110.00           .875/1.500T         66.9         7         21.0         7.3         34.8         22.50         .875         110.00           .875/1.25T         66.9         167.7         274.7         2639.4         8.5         15.7         9.6         35.25         25.13         4.000         10.00           .875/1.25T         69.60         132.6         209.6         209.1         7.5         15.8         6.9         36.25         25.33         4.000         110.00           .875/1.25T         69.85         170.5         292.1         200.3         7.5         15.8         6.9         36.25         25.13         4.000         110.00           .875/1.50T <th< td=""><td>21X12</td><td></td><td>61.21</td><td>56.</td><td>52.</td><td>878.</td><td>7.5</td><td>14.9</td><td>2</td><td>-</td><td>-</td><td>.875</td><td>-</td><td>1.125</td><td></td></th<>	21X12		61.21	56.	52.	878.	7.5	14.9	2	-	-	.875	-	1.125	
************************************	21x 9x		61.21	27.	46.	914.	2.6	15.0	8	-	5	.875	0	1.500	
**875/1.500T         64.09         129.9         266.8         1985.0         7.6         15.3         7.4         33.36         22.50         .875         110.00           **875/1.375T         64.32         129.5         269.6         1977.4         7.6         15.3         7.4         33.50         22.38         .875         111.00           **875/1.500T         66.97         137.8         268.0         6.8         15.6         7.2         34.88         22.51         10.00         110.00           **875/1.500T         69.85         170.5         202.1         2728.6         8.5         16.0         9.3         36.25         22.13         4.00         11.00           ************************************	21X10X		61.69	27.	51.	914.	7.6	15.0	9	_	m	.875	0	1.375	
**************************************	21X10X		60.49	29.	.99	985.	7.6	15.3		-	5	.875	-	1.500	
**************************************	21X11X		64.32	29.	9	77.	7.6	15.3	m	10	m	.875	-	1.375	
67.66 167.7 274.7 2639.4 8.5 15.7 9.6 35.25 25.13 1.000 10.000 69.80 132.6 305.6 2090.1 7.5 15.8 6.8 36.25 22.38 .875 13.00 69.85 137.6 305.6 2090.1 7.5 15.8 6.8 36.25 22.38 .875 13.00 69.85 137.4 305.5 2109.3 7.5 15.8 6.9 36.38 22.50 .875 12.00 11.00 72.25 137.4 305.5 2109.3 7.5 16.8 6.9 36.38 22.50 .875 12.00 72.25 134.0 323.1 2140.3 7.4 16.8 6.6 37.63 22.38 .875 12.00 72.4 174.8 309.8 2860.7 8.6 16.4 9.2 37.75 25.38 1.000 10.00 72.7 134.9 324.3 22164.1 7.5 16.0 6.7 37.8 22.5 1.000 10.00 72.7 134.9 327.0 2965.2 8.6 16.7 9.1 39.10 25.5 1.000 10.00 75.1 177.6 330.6 2957.8 8.6 16.7 9.1 39.13 25.38 1.000 11.00 77.76 136.2 349.8 22.5 1.000 11.00 11.00 77.76 136.2 349.8 22.5 1.000 11.00 11.00 77.76 136.4 351.9 2262.2 7.3 16.5 6.3 40.88 22.50 1.000 11.00 77.76 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	21×11×		16.99	31.	8	69	1.5	15.6	2	~	5	.875	0	1.500	
69.60 132.6 305.6 2090.1 7.5 15.8 6.8 36.25 22.38 .875 13.00 69.85 170.5 292.1 2728.6 8.5 16.0 9.3 36.38 25.13 1.000 11.00 69.85 170.5 292.1 2728.6 8.5 16.0 9.3 36.38 25.51 1.000 11.00 72.01 172.9 309.6 2812.8 7.5 16.3 9.1 37.50 25.13 1.001 12.00 72.25 134.0 323.1 2140.3 7.4 16.3 6.6 37.63 22.38 .875 14.00 172.00 72.25 134.9 324.3 2164.1 7.5 16.4 9.2 37.75 25.38 1.001 10.00 72.73 134.9 324.3 2164.1 7.5 16.0 6.7 37.88 22.50 .875 13.00 74.88 178.1 327.0 2965.2 8.6 16.7 9.1 39.00 25.50 1.000 10.00 75.13 177.6 330.6 2957.8 8.6 16.7 9.1 39.00 25.50 1.000 11.00 77.76 180.8 349.8 3065.4 8.6 17.0 8.8 40.50 25.50 1.000 11.00 77.76 180.8 349.8 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	24×10×	1.000/1.125T	67.68	67.	~	39.	8.5	15.7	9	N	-	1.000	-	1.125	
69.85 170.5 292.1 2728.6 8.5 16.0 9.3 36.38 25.13 1.000 11.000 69.85 133.4 305.5 22109.3 7.5 15.8 6.9 36.38 22.51 1.000 11.000 12.000 72.01 133.4 305.5 2010.3 7.5 15.8 6.9 36.38 22.51 1.000 12.000 72.01 134.9 309.6 2812.8 7.5 16.3 9.1 37.6 25.33 1.000 12.000 72.48 174.8 309.8 2860.7 8.6 16.4 9.2 37.75 25.38 1.000 10.00 72.73 134.9 324.3 2164.1 7.5 16.0 6.7 37.88 22.50 875 13.00 77.13 177.6 330.6 2957.8 8.6 16.7 9.1 39.00 25.51 1.000 10.00 75.13 177.6 330.8 2255.0 8.6 16.7 8.9 39.13 25.38 1.000 11.00 75.13 177.6 330.8 2215.0 7.4 16.3 6.5 39.38 22.50 8.7 10.00 11.00 77.76 180.8 349.8 3065.4 8.6 17.3 16.5 6.3 40.88 22.50 4.000 11.00 77.76 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 875 15.00	21X13	. 875/1.375F	69.60	32.	0	90.	7.5	15.8	8		3	.875	-	1.375	
69.85       133.4       315.5       2109.3       7.5       15.8       6.9       36.36       22.50       .875       12.000         72.25       134.0       323.1       2140.3       7.4       16.4       9.1       37.63       22.36       .875       12.000       12.00         72.46       174.8       309.8       2860.7       7.4       16.4       9.2       37.75       25.38       1.000       10.00         72.73       134.9       324.3       2164.1       7.5       16.0       6.7       37.88       22.50       1.000       10.00         74.38       177.6       327.0       2965.2       8.6       16.7       9.1       39.00       25.50       1.000       10.00         75.41       136.2       343.3       2215.0       7.4       16.7       6.7       37.88       22.50       1.000       11.00         77.76       180.8       349.8       2215.0       7.4       16.3       6.5       39.35       22.50       1.000       11.00         78.49       137.4       361.9       2262.2       7.3       16.5       6.3       40.80       22.50       1.000       11.00         78.49       137.4	24×113	11.000/1.1257	69.85	70.	9	28.	8.5	16.0	m	~	-	1.000	-	1.125	
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72.48 174.8 3199.8 2860.7 8.6 16.4 9.2 37.75 25.38 1.000 10.00 72.73 134.9 324.3 2164.1 7.5 16.0 6.7 37.88 22.51 .875 13.00 74.88 178.4 327.0 2965.2 8.6 16.7 6.9 39.10 25.50 1.000 10.00 75.41 317.6 330.6 2957.8 8.6 16.7 8.9 39.13 25.38 1.000 11.00 75.61 136.2 343.3 2215.0 8.6 17.0 8.8 40.50 25.50 1.000 11.00 77.76 180.8 349.6 3065.4 8.6 17.0 8.8 40.50 25.50 1.000 11.00 78.49 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	21X14X	. 875/1.375T	72.25	34.	2	.0	7.4	16.0	9	.0	m	.87	-	1.375	
72.73 134.9 324.3 2164.1 7.5 16.0 6.7 37.88 22.50 .875 13.00 74.98 178.1 327.0 2965.2 8.6 16.7 9.1 39.00 25.50 1.000 10.00 75.13 177.6 330.6 2957.8 8.6 16.7 9.1 39.03 25.30 1.000 11.00 75.61 136.2 343.3 2215.0 7.4 16.3 6.5 39.38 22.50 .875 14.00 77.76 180.8 349.6 3065.4 8.6 17.0 8.8 40.50 25.50 1.000 11.00 78.49 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	24X10X	11.000/1.3757	72.48	14.	0	.09	8.6	16.4	2	-	m		-	1.375	
74.98 178.1 327.0 2965.2 8.6 16.7 9.1 39.00 25.50 1.000 10.00 75.13 177.6 330.6 2957.8 8.6 16.7 8.9 39.13 25.38 1.000 11.00 75.61 136.2 343.3 2215.0 7.4 16.3 6.5 39.38 22.50 .875 14.00 77.76 180.8 349.6 3065.4 8.6 17.0 8.8 40.50 25.50 1.000 11.00 78.49 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	21×13)	.875/1.500T	72.73	34.	N	94.	1.5	16.0	~	-	5	.87	0	1.500	
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77.76 180.8 349.6 3055.4 8.6 17.0 8.8 40.50 25.50 1.000 11.00 78.49 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	21X14)	1.875/1.500T	75.61	36.	3	15.	1.4	16.3	2	m	3	.875	-	1.500	
78.49 137.4 361.9 2262.2 7.3 16.5 6.3 40.88 22.50 .875 15.00	24×11)	11.000/1.5007	27.76	180.8	.64	92.		17.0	8	10	2	1.000	-	1.500	
	21X15)	- A75/1.500T	3	137.4	-	63		3 7 1	•	•	u	975	-		

.219 IN. PLATE (AREA= 1.10 SQ.IN.)

0.2188 - 7/32 in.

- <i>വെഡനവെവവവവവനവനന</i> നെ തെന്നെ വനനനെ നെവന വരു കഴു കഴു കന്ന				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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.250 IN. PLATE (AREA= 1.44 SQ.IN.)

in

0.2500

								*******	*** BEAN			*******	
		SECTION	MODULUS							MEB	FLA	Z	SHEAR
-		ZPL	ZFL	INERTIA	œ	4 b			DEPTH	THICK	HIDIM	THICK	
	34.56	67.0	0	718.4	6.1	10.7	2	0	17.00	.688	7.00	1.000	
12X10X .625/1.125T	36.00	4.44		420.3	4.6	9.5	6	-	13.13	.625	10.00	1.125	8.36
16X 8X .688/1.000T			N	753.1	6.1	11.0	2	0	17.00	.688	8.00	1.000	11.07
2	37.92	70.1	126.5	789.5	6.1	11.3	2	19.75	17.25	.688	7.00	1.250	12.04
.688/		9.69	131.4	784.8	6.1	11.3		0	17.00	.688	9.00	1.000	11.87
18X 8X .750/ .875T	39.36	84.1	131.2	2.086	1.9	11.7	2	10	18.88	.750	8.00	.875	14.35
14X 9X .688/1.250T	60.03	59.5	129.5	630.1	5.3	10.6	6	20.08	15.25	.688	9.00	1.250	10.66
XO.	40.32	20.6	142.0	813.4		11.5	1	21.00	17.00	.688	10-00	1.000	11.87
×6	40.57	71.2	141.8	823.5	6.0	11.6		21.13	17.13	.688	9.00	1.125	11.96
18X 9X . 7507 . 875T	41.05	92.6	142.1	1022.0		11.9	~	-	18.88	.750	9.00	.875	14.35
	41.28	86.3	145.4	1034.3	1.9	12.0	7.3	21.50	19.00	.750	8-00	1.000	14.44
	42.72	72.1	153.5	853.1		11.8	9	-	17.13	.688	10.00	1.125	11.96
	44.89	73.0	165.0	8.679	0.9	12.0	-	-	17.13	.688	11.00	1.125	11.96
	45.37	66.69	166.7	:	2.9	15.6			19.13	.750	9.00	1.125	14.54
	47.04	90.5	178.6	•	4.9	12.8	2	10	19.00	.750	11-00	1.000	
	10	91.7	178.8	1162.2	6.7	15.9	9		19.25	.750	9.00	1.250	14.63
	69.64	95.5	192.9	1211.6	6.7	13.1	m	25.88	19.13	.750	11.00	1.125	14.54
	16.65	93.1	193.2	1225.1	6.7	13.2	2	0	19.25	.750	10.00	1.250	14.63
	51.84	93.6	206.0	1247.1		13.3	-	0	19.13	.750	15.00	1.125	14.54
1x .	52.32	84.3	207.6	1264.5	9.9	13.4	-	27.25	19.25	.750	11.00	1.250	
×6	24.72	126.3	2.012	1765.1	1.7	14.0	*	28.50	22.13	.875	9.00	1.125	19.58
	56.16	104.7	206.9	1373.2	2.9	13.1		29.52	19.50	.875	9.00	1.500	17.28
	56.89	128.4	225.7		1.1	14.3		29.63	22.13	.875	10-00	1.125	.5
	29.04	131.5	238.0	1917.0	1.7	14.6	8.1	30.75	22.38	.875	9.00	1.375	
	29.04	130.4	241.1	1893.7	1.1	14.5	6.2	30.75	22.13	.875	11-00	1-125	19.58
	61.21	135.1	256.8		1.1	14.8	1.6	31.88	22.13	.875	12.00	1.125	19.58
	61.21	133.9	251.6	1988.4	1.7	14.8	4.9	31.88	2	.875	9-00	1.500	19.91
	61.69	133.7	556.6	1988.8	1.7	14.9		-	22.38	.875	10.00	1.375	19.80
	60.49	136.0	271.8	2062.4	1.7	15.2		m	22.50	.875	10-00	1.500	19.91
	64.32	135.6	514.9	2054.7	1.7	15.2	1.5	.5	22.38	.875	11-00	1.375	19.80
21X11X .875/1.500T	26.99	137.9	291.3	2129.7	1.1	15.4	7.3		22.50	.875	11.00	1.500	16.61
24x10x1.000/1.125T	67.68	174.1	279.1	2721.6	9.6	15.6	8.6	35.25	25.13	1.000	10-00	1.125	25.38
21x13x .875/1.3757	0	138.8	311.4	2172.5	4.6	15.7		36.25	22.38	.875	13-00	1.375	19.80
24x11x1.000/1.125T	69.85	177.0	296.7	2813.6	9.0	15.9		36.38	25.13	1.000	11-00	1.125	25.38
21x12x .875/1.500T	m	139.6	311.1		9.	15.7		36.38	05.22	. 675	12-00	1.500	19.91
24x12x1.000/1.1257	9	179.5	314.4	:		16.2	2.6		25.13	1.000	12.00	1.125	25.38
21X14X .8/5/1.3/51	V .	140.5	323.1	6 - 4 7 7 7		15.9		37.63	62.30		14.00	1.375	
24×10×1.000/1.3751		181.4	314.6		8.7	16.3	4.6	37.75	25.38	1.000	0	1.375	25.63
21x13x .875/1.500T	72.73	141.1	330.3	5548.5	4.6	15.9			22.50	.875	0	1.500	16.61
24×10×1.000/1.500T	74.88	184.8	332.1	3057.3	2 8	16.5		39.00	25.50	1.000	10-00	1.500	
	75.13		335.8	3049.8	2.9	16.5		-	25.38	1.000	11.00	~	
21X14X .875/1.500T	75.61	145.5	343.7	2302.8	1.5	16.2	9.9		22.50	8	14-00	0	16.61
		187.6	355.0	16	8.7	16.8	6.9		25.50	1.000	11.00	1.500	25.75
.50	18.49		9	2352.2	1.5	16.4		40.88	22.50	~	15.00	0	
24×10×1.000/1.750T	6	190.9	366.2	3262.3	8.7	17.1	8.9	41.50	25.75	1.000	10.00	5	26.00

.250 IN. PLATE (AREA = 1.44 SQ.IN.)

0.2500

1/4

NOTIFICATION FOR THE PROPERTY REPORTS AND				ב								ME8	119	NGE	SHEAR
1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2   1.2			-	-	200	-						-			
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	NAL SI		-	ZPL	ZFL	-		4P	YF	Æ	DEPTH	THICK	HIOIH	THICK	AREA
1.250		1881		4.7	1.5	0.,		6.		~	3.19	.125	2.00	.188	. 43
1, 25   1, 2, 2   2, 2   2, 3   2, 3   1, 1, 1, 1, 1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1, 2, 5   1,	. 18	105	2.04	6.4	2.0	5.0		1.0			3.25	.188	2.00	.250	99.
7. 35 71	. /8	31.37	2.28	5.1	2.3	5.7	1.4	1.1		1.19	3.31	.188	2.00	.313	.68
	. '	1052			2.8	9.0	1.7	1.4		1.25	4.25	.188	2.00	.250	.85
		1137			3.3	10.3	1.0	1.5		1.38	4.31	.188		.313	.86
1.3.14         7.3         4.5         1.7         2.2         1.66         1.59         2.2         1.69         3.3         2.50         3.00         3.3           1.4.5         1.5         1.5         1.5         2.2         1.69         3.3         2.50         3.00         4.3           1.5         1.5         1.5         1.5         2.2         1.69         3.30         2.50         3.00         4.3           1.5         1.5         2.1         2.1         2.1         2.5         3.00         4.3         1.6         3.00         4.3         1.6         3.00         4.3         1.6         3.00         4.3         1.6         3.00         4.3         1.6         3.00         3.00         4.3         1.6         3.00         3.00         3.00         4.3         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00 <td< td=""><td>. 18</td><td>313T</td><td></td><td></td><td>3.3</td><td>7.3</td><td></td><td>1.4</td><td></td><td>1.50</td><td>3.31</td><td>.188</td><td>3.00</td><td>.313</td><td>.68</td></td<>	. 18	313T			3.3	7.3		1.4		1.50	3.31	.188	3.00	.313	.68
250	. 18	3137		7.3	4.5			1.7		1.69	4.31	. 188	3.00	.313	.86
2507. 4481         4.96         7.6         5.3         14.6         1.5         1.6         2.7         2.18.43,44         250         3.00         431           2507. 4481         4.20         9.3         14.6         2.3         2.7         2.13         4.30         2.5         3.00         3.35           2507. 4381         4.60         9.3         6.1         2.7         2.2         3.4         2.5         3.1         4.64         2.5         3.00         3.75           2507. 4381         4.60         11.4         7.7         2.6         6.0         2.6         3.1         2.66         3.1         2.60         3.1         2.60         3.1         2.6         4.0         3.1         2.6         4.0         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         2.6         3.1         3.1         3.6         3.1         3.1         3.1         3.1         3.1         3.	. /052	17.21									3.38	.250	3.00	.375	.92
260 (1377)         4.09         7.6         5.3         14.6         1.9         2.7         2.11         5.30         3.00         3.75         1.9         2.7         2.11         5.30         3.00         3.75         1.2         2.0         2.11         5.31         2.50         3.00         3.30         3.00         3.30         3.00         3.30         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3	2507 .	138T			4.3		1.5	1.6	2.1		-3.44	.250	3.00	.438	.93
260         1317         6.42         9.3         6.41         20.6         2.2         3.4         2.19         5.31         .250         3.00         .313           260         4.381         6.42         7.6         6.93         2.6         3.1         2.6         5.4         .250         3.00         .375         1           260         4.381         4.92         9.6         6.9         2.7         2.6         3.0         2.6         5.4         .250         3.00         .375         1         2.6         3.0         .300         .375         1         2.6         3.0         .24         .250         3.0         .300         .375         .200         .300         .375         .200         .300         .375         .200         .300         .375         .300         .300         .375         .300         .300         .375         .300         .300         .375         .300         .300         .375         .300         .300         .300         .375         .300         .300         .300         .300         .375         .300         .300         .300         .375         .300         .300         .300         .300         .300         .300	•	17.51		7.6	5.3	14.6	1.9	1.9	2.7		4.38	.250	3.00	.375	1.17
260         4587         7.8         5.9         15.9         2.0         2.7         2.13         444         7.8         5.9         15.9         2.0         2.7         2.18         5.18         4.5         3.0         4.33         2.3         2.3         3.0         4.33         3.0         2.3         3.0         2.3         3.0         2.3         3.0         2.3         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0 <th< td=""><td>•</td><td>1137</td><td></td><td>9.3</td><td>6.1</td><td>50.2</td><td>2.3</td><td>2.2</td><td>3.4</td><td>•</td><td>5.31</td><td>.250</td><td>3.00</td><td>.313</td><td>1.40</td></th<>	•	1137		9.3	6.1	50.2	2.3	2.2	3.4	•	5.31	.250	3.00	.313	1.40
200.         31751         4,67         9,6         6,9         22.7         2.6         4,03         2.8         5.36         5.36         3.00         3.75           200.         3131         4,68         11,4         7.6         30.0         2.7         2.6         4,03         2.6         3.00         3.37           200.         4331         4,92         9.9         7.7         24,7         2.6         4.0         2.63         6.84         2.50         3.00         3.37           200.         4375         5.0         3.0         3.0         2.63         6.64         2.50         3.00         3.37           200.         4376         5.0         3.0         3.0         6.3         2.50         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0 <th< td=""><td>•</td><td>.38T</td><td></td><td></td><td></td><td>5</td><td>2.0</td><td>2.0</td><td>2.7</td><td></td><td>4.44</td><td>.250</td><td>3.00</td><td>.438</td><td>1.18</td></th<>	•	.38T				5	2.0	2.0	2.7		4.44	.250	3.00	.438	1.18
2507         3131         4,66         11.4         7.6         31.0         2.7         2.6         4.0         2.44         6.31         2.50         3.0         3.3         2.56         5.44         6.59         3.00         4.35         2.50         3.00         4.37         1.2         2.0         2.7         2.6         2.6         2.6         5.44         2.50         3.00         4.35         2.50         3.00         4.35         2.50         3.00         4.37         2.50         3.00         4.37         2.50         3.00         4.37         2.50         3.00         4.37         2.50         3.00         4.37         2.50         3.00         4.37         2.50         4.00         3.75         2.50         4.00         3.75         4.00         4.30         3.00         4.30         3.00         4.30         3.00         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00         3.75         4.00	•	17.51		9.6		2	2.3	2.4	3.3		5.38	.250	3.00	.375	1.42
2501 (4381)         4,92         9,93         7,7         24,7         2,4         2,53         2,544         2,50         3,90         3,90         3,90         3,90         3,90         3,90         3,7         2,67         2,67         3,10         3,80         6,13         2,50         3,00         3,38         2,00         3,90         3,90         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10         3,10	•	11.37		11.4	7.6	30.0	2.7		1076			.250	3.00	.313	1.65
3751         5.05         11.7         8.5         32.9         2.7         2.8         3.9         2.85         6.38         .250         3.00         .375         1.3         3.00         .375         1.3         3.00         .375         1.3         3.00         .375         1.3         .3         3.00         .444         .250         4.00         .375         1.3         .4         .3         .3         .3         .3         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .250         .4         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2	2507 .	,38T		6.6	7.7	24.7	5.4	5.5	3.2	5		.250	0	.438	1.43
44361         5.40         12.0         9.5         35.6         2.81         6.44         250         3.00         6.34         250         3.00         4.35         2.91         6.34         2.50         3.11         3.6         3.6         3.6         3.6         4.30         4.35         1.0         4.35         1.0         4.35         1.0         4.35         1.0         4.35         1.0         4.36         5.50         3.35         5.50         3.31         4.00         4.37         1.0         4.35         4.00         4.35         1.0         4.35         4.00         4.36         4.36         4.37         4.00         4.37         4.00         4.37         4.00         4.37         4.00         4.37         4.00         4.39         4.00         4.31         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00	•	1751		11.7	8.5	2	2.7			0		.250	3.00	.375	1.67
3751         5.76         12.1         10.5         37.5         2.8         3.1         3.6         3.00         6.36         .250         4.00         .375         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .450         .4	•	1381	5.40	12.0		5	2.8					.250	3.00	.438	1.68
4381         6.24         12.4         11.7         40.6         2.9         3.5         3.25         6.44         .250         4.00         .438           3501         6.24         10.7         10.8         31.0         2.9         2.9         3.55         5.44         .250         4.00         .500         1.00         .500         1.00         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500 </td <td>•</td> <td>17.57</td> <td>5.76</td> <td>12.1</td> <td></td> <td>-</td> <td>2.8</td> <td></td> <td>3.6</td> <td></td> <td>6.38</td> <td>,250</td> <td>4.00</td> <td>.375</td> <td>1.67</td>	•	17.57	5.76	12.1		-	2.8		3.6		6.38	,250	4.00	.375	1.67
500T         6.94         10.7         10.8         31.0         2.4         2.9         3.56         5.50         .313         4.00         .575           550T         7.08         14.9         13.1         53.2         3.4         3.6         6.7         3.13         4.00         .375         5.7         5.0         3.1         4.00         .375         5.7         3.4         3.6         6.7         3.13         4.00         .375         6.7         4.0         3.9         7.4         .313         4.00         .436         6.7         6.0         .313         4.00         .436         6.0         .313         4.00         .436         6.0         .313         4.00         .436         6.0         .313         4.00         .436         .50         .50         .313         4.00         .436         .50         .313         4.00         .436         .50         .313         4.00         .436         .50         .313         4.00         .50         .50         .50         .313         4.00         .50         .50         .50         .313         4.00         .50         .50         .50         .313         4.00         .50         .50         .50	•	138T	42.9	12.4	11.7	0	2.8	3.3	3.5		44.9	.250	4.00	.438	1.68
3757         7.08         14.9         13.1         53.2         3.1         3.6         4.1         3.69         7.36         .313         4.00         .375         2.6         4.0         7.45         13.1         14.5         57.4         3.6         3.6         6.56         .313         4.00         .500         2.50         .500         2.6         3.13         4.00         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500 <td>•</td> <td>500T</td> <td>6.94</td> <td>10.7</td> <td>10.8</td> <td>-</td> <td>5.4</td> <td>5.9</td> <td>5.9</td> <td>5</td> <td></td> <td>.313</td> <td>4.00</td> <td>.500</td> <td>1.81</td>	•	500T	6.94	10.7	10.8	-	5.4	5.9	5.9	5		.313	4.00	.500	1.81
500T         7.45         13.1         13.3         44.7         2.8         3.4         3.6         6.50         313         4.00         .500           458T         7.56         15.2         14.5         57.3         3.2         3.9         5.9         5.9         4.0         5.0         .313         4.00         .500         .500         .313         4.00         .500         .500         .313         4.00         .500         .500         .313         4.00         .500         .500         .513         4.00         .500         .500         .513         4.00         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500	•	1757	7.08	14.9	13.1	2	3.1	3.6		9		.313	4.00	.375	2.40
-6381         7.56         15.2         14.5         57.3         3.2         3.0         4.0         3.94         7.44         .313         4.00         .438           5631         7.03         11.3         14.5         67.4         2.8         3.5         3.3         4.13         6.50         .313         4.00         .563         2.8         3.5         3.3         4.13         6.00         .563         2.8         3.7         3.1         4.36         6.50         .313         4.00         .563         2.8         3.7         3.1         4.36         6.50         .313         4.00         .563         2.8         3.7         3.1         4.44         7.56         .313         4.00         .500         .513         4.00         .563         2.8         .5         4.44         7.56         .313         4.00         .563         2.8         .5         4.44         7.56         .313         4.00         .563         2.8         .5         4.44         7.56         .313         4.00         .563         2.8         .6         4.65         7.56         .313         4.00         .563         2.8         .6         4.65         7.56         .313         4.00	•	1005	7.45	13.1	13.3	+	2.8	3.4			6.50	.313	4.00	.500	2.12
5637         7.93         13.3         14.5         47.4         2.8         3.5         3.3         4.13         6.56         313         4.00         .563         2.8         3.0         4.19         7.50         .313         4.00         .563         2.8         3.9         4.19         7.50         .313         4.00         .563         2.8         3.0         4.19         7.50         .313         4.00         .560         2.8         .50         .51         3.13         4.00         .560         .51         .50         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .51         .52         .52         .52         .52         .52         .52         .52         .52         .	3/ .	138T		15.2	14.5	~	3.2	3.8	4.0	3.94	7.44	.313	4.00	.438	2.45
5007         8.04         15.6         15.9         61.1         3.2         3.9         4.19         7.50         .313         4.00         .500           .5017         3.41         13.4         15.6         149.2         2.8         3.7         3.1         4.39         6.50         .313         4.00         .500           .5017         3.42         15.8         4.4         7.56         .313         4.00         .561           .5017         3.0         17.3         4.4         3.5         4.4         7.56         .313         4.00         .563           .5037         3.0         17.1         3.2         4.4         3.5         4.4         7.56         .313         4.00         .563         3           .5037         3.0         4.6         4.7         3.5         4.4         3.5         4.4         3.5         4.0         6.0         375         4.00         .563         3           .5037         10.0         3.2         4.1         4.2         5.2         0.4         3.5         6.4         3.5         4.0         6.0         375         4.00         6.0         375         4.00         6.0         375	3/ .	563T	7.93	13.3	14.5		2.8	3.6	3.3	-	9.56	.313	00	.563	2.14
*5617         \$±41         13.4         15.8         \$±52         \$±53         \$±56         \$±31         \$±56         \$±31         \$±50         \$±51         \$±56         \$±31         \$±50         \$±51         \$±56         \$±51         \$±56         \$±51         \$±50         \$±51         \$±56         \$±51         \$±50         \$±51         \$±50         \$±51         \$±50         \$±51         \$±56         \$±51         \$±50         \$±51         \$±50         \$±50         \$±51         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50         \$±50 <t< td=""><td>3/ .</td><td>500T</td><td>8.04</td><td>15.6</td><td>15.9</td><td>:</td><td>3.2</td><td>3.9</td><td></td><td>-:</td><td>7.50</td><td>.313</td><td>-</td><td>.500</td><td>2.44</td></t<>	3/ .	500T	8.04	15.6	15.9	:	3.2	3.9		-:	7.50	.313	-	.500	2.44
5531         9.52         17.3         64.8         3.2         4.1         3.6         4.44         7.56         .313         4.00         .563         2           4381         9.00         16.0         18.8         67.1         3.2         4.2         3.5         4.5         4.5         4.5         4.5         4.75         9.60         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500         .500	3/ .	FOOT	3.41	13.4	15.8	6	2.8	3.7			6.50	.313	0	.500	2.12
*5001         9.00         16.0         18.8         67.1         3.2         4.2         3.6         4.69         7.50         .313         5.00         .438         3           *4381         9.12         18.4         17.5         78.3         3.5         4.4         3.5         8.4         .375         4.00         .438         3           *5637         9.60         16.3         20.5         10.1         0.3.2         3.5         4.4         4.75         8.4         .375         4.00         .408         3           *5037         10.08         19.2         20.3         101.0         3.5         4.4         5.00         8.5         4.00         .500         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         5.00         .563         3         6.00         .563         3         3         6.00         .563         3         6.00         .563 <th< td=""><td>3/ .</td><td>5631</td><td>8.52</td><td>15.9</td><td>17.3</td><td>3</td><td>3.2</td><td></td><td></td><td>3</td><td>5</td><td>.313</td><td>00.4</td><td>.563</td><td>5.45</td></th<>	3/ .	5631	8.52	15.9	17.3	3	3.2			3	5	.313	00.4	.563	5.45
.4381         9.12         18.4         17.5         78.3         3.5         4.5         4.75         8.44         .375         4.00         .438         3           .5637         9.60         16.3         20.5         71.0         3.2         4.4         3.5         5.00         7.56         .313         5.00         .563         2           .5017         9.60         18.6         19.1         10.1         3.8         4.4         4.4         .375         4.00         .563         3           .5337         10.08         19.2         20.6         87.8         4.9         4.9         5.2         8.56         .375         4.00         .563         3           .5017         10.08         19.5         22.0         92.3         3.6         4.7         4.2         5.50         8.63         .375         4.00         .563         3         .563         .565         7.56         .337         4.00         .563         .375         4.00         .563         .375         4.00         .563         .375         4.00         .563         .375         .563         .563         .375         .400         .563         .563         .563         .563	•	500T	9.00	16.0	18.8	-	3.2			2		.313	5.00	.500	2.44
.5637         9.60         16.3         20.5         71.0         3.2         4.4         3.5         5.00         7.56         .313         5.00         .563         2           .4387         9.60         18.6         19.1         83.2         3.5         4.4         5.00         8.50         .375         4.00         .503         3           .4387         9.60         19.5         20.2         20.3         101.0         3.5         4.6         4.3         5.25         8.56         .375         4.00         .563         3           .5637         10.56         19.5         22.0         92.3         3.6         4.7         4.2         5.50         8.56         .375         4.00         .563         3           .5637         10.69         16.5         23.6         4.7         4.2         5.50         8.56         3.75         4.00         .563         3         5.53         4.00         .563         3         5.63         3         5.56         3.3         5.56         3.3         5.56         3.3         5.56         3.3         5.56         3.3         5.00         .563         3.3         5.00         .563         3.3	•	1881	3.12	18.4	17.5	78.3	3.5		4.5			.375	4.00	.438	3.27
**5007         9.60         18.8         19.1         83.2         3.5         4.4         5.00         8.50         .375         4.00         .500         3           **4387         3.85         21.2         20.6         101.0         3.8         4.8         5.13         9.44         375         4.00         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400         .400<	•	563T	9.50	16.3	5002		3.5			0	5	.313	5.00	.563	5.45
448f         3.6         4.8         5.0         5.13         9.44         .375         4.00         .436         3           .5637         10.08         19.2         20.6         10.74         3.9         4.9         5.25         8.56         375         4.00         .563         3           .5637         10.08         19.2         22.0         92.3         3.9         4.9         4.9         5.36         7.56         .375         4.00         .563         3           .5637         10.69         16.5         22.0         92.3         3.2         4.6         3.2         5.56         7.56         .315         4.00         .625         3           .5637         10.69         16.5         23.7         112.7         3.9         5.1         4.0         5.63         9.56         .375         4.00         .563         3           .5637         11.1         22.4         25.7         116.9         3.9         5.1         4.6         5.56         .375         5.00         .563         3           .5637         11.6         3.9         5.2         4.6         5.1         8.56         .375         5.00         .563	•	500T	9.60		1.61		3.5	4.4		-	5	.375	00 - 7	.500	3.29
*563T         10.08         19.2         20.6         07.8         3.5         4.6         4.3         5.25         0.56         .375         4.00         .563         33           .500T         10.53         21.7         22.1         107.1         3.9         4.9         5.36         9.50         .375         4.00         .500         3           .625T         10.56         19.5         22.0         92.3         3.6         4.0         5.56         .375         4.00         .500         3           .563T         10.61         22.1         22.1         112.7         3.9         5.1         4.0         5.56         .375         4.00         .563         3           .563T         11.61         22.1         116.9         3.9         5.1         4.0         5.8         9.50         .375         4.00         .563         3           .563T         11.29         22.4         25.7         116.9         3.9         5.0         3.9         6.13         8.63         .375         5.00         .563         3           .563T         11.77         20.1         26.0         10.1         3.9         5.4         4.4         6.19	•	1381	3.85		20.3	:	3.8	4.8	2.0	5.13	9.44	.375	4.00	.438	3.65
.5007 10.33 21.7 22.1 107.1 3.9 4.9 4.9 5.38 9.50 .375 4.00 .500 3 3 .551 10.56 19.5 22.0 92.3 3.6 4.7 4.2 5.50 8.63 .375 4.00 .502 3 3 .553 10.63 12.65 22.1 23.7 112.7 3.9 5.1 4.0 5.51 8.56 .375 4.00 .563 2 3 .553 10.61 12.1 10.61 12.1 23.7 112.7 24.2 3.9 5.1 4.0 5.8 9.50 .375 5.0 0 .563 3 3 .563 11.2 2 22.4 25.7 116.9 3.9 5.2 4.6 5.8 9.50 .375 5.0 0 .503 3 .563 11.7 20.1 26.0 101.0 3.6 5.0 3.9 6.13 8.63 .375 5.0 0 .503 3 .553 11.7 20.1 26.0 101.0 3.6 5.0 3.9 6.1 3.9 6.1 3.7 5.8 8.5 6.37 5.0 0 .503 3 .553 11.3 8.6 22.9 22.9 8.1 3.7 6.3 8.5 6.3 3.7 5.0 0 .563 3 .563 11.3 8.5 21.2 27.9 103.4 3.6 5.1 3.7 6.3 8.5 6.3 3.7 5.0 0 .563 3 .563 11.2 3.6 23.3 31.0 11.3 3.0 5.0 4.3 6.7 5.1 6.8 10.5 0 .438 5.0 0 .500 4.5 5.0 0 .501 11.3 8.5 5.1 2.2 6.0 0 .501 11.3 8.5 5.1 2.2 6.0 0 .501 11.3 8.5 5.1 6.3 5.1 6.8 10.5 0 .438 5.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .501 4.5 6.0 0 .5	•	5637	10.08		20.6	1.	3.5		4.3	2	8.56	.375	4.00	.563	3.32
.6257 10.56 19.5 22.0 92.3 3.6 4.7 4.2 5.50 6.63 .375 4.00 .625 3 3.653 10.68 16.5 23.6 23.6 4.7 4.2 5.50 6.63 .375 4.00 .625 3 3 3 5 5 5 3 5 5 5 5 5 5 5 5 5 5 5 5	•	500T	10.33	21.7	22.1	~	3.9		6.4			.375	4.00	.500	3.67
.5631     10.69     16.5     23.6     76.2     3.2     4.6     3.2     5.56     7.56     .313     6.00     .563     2.56       .5631     10.41     22.1     23.7     112.7     3.9     5.1     4.9     5.63     9.56     .375     4.00     .563     3       .5631     11.29     22.4     22.4     22.4     23.6     4.9     6.13     8.56     .375     5.00     .563     3       .6251     11.77     20.1     26.0     101.0     3.6     5.0     4.4     6.13     8.63     .375     5.00     .503     3       .5631     12.2     22.9     27.9     103.4     3.6     5.1     3.7     6.36     3.75     5.00     .563     3       .6251     12.2     27.9     103.4     3.6     5.1     3.7     6.36     3.75     6.00     .563     3       .6257     12.96     23.3     31.2     12.2     29.6     4.3     6.7     9.5     3.75     6.0     .563     3       .5017     12.96     23.3     31.6     132.3     3.9     5.7     4.2     6.7     9.5     3.75     6.0     .563     3       .5017	•	5257	10.56		2.	2.	3.6		4.2	5.50	8.63	.375	4.00	.625	3.34
.5637     10.41     22.1     23.7     112.7     3.9     5.1     4.0     5.81     8.56     .375     4.00     .563     3       .5637     11.16     19.7     24.2     3.6     4.9     4.0     5.81     8.56     .375     5.00     .563     3       .6257     11.2     25.4     25.7     116.9     3.9     5.1     6.5     375     5.00     .500     .501     3       .6537     11.7     20.1     26.0     101.0     3.6     5.4     4.4     6.19     9.56     .375     5.00     .563     3       .5637     12.2     27.9     103.4     3.6     5.1     3.7     6.3     8.56     .375     6.00     .563     3       .6537     12.2     27.9     12.2     3.9     5.6     4.3     6.7     9.56     .375     6.00     .563     3       .6537     12.2     29.8     12.2     3.9     5.7     4.2     6.7     9.56     .375     6.00     .563     3       .6537     12.2     5.0     152.0     4.2     5.7     5.1     6.8     9.56     .375     6.00     .563     3       .6537     12.2     25.	•	5637	10.63		23.6	.0	3.2		3.2	95.5	7.56	.313	6.00	.563	2.45
.5637 11.16 19.7 24.2 36.2 3.6 4.9 4.0 5.81 8.56 .375 5.00 .563 3 .5601 11.29 22.4 25.7 116.9 3.9 5.2 4.6 5.88 9.50 .375 5.00 .500 3 .6251 11.77 20.1 26.0 101.0 3.6 5.0 3.9 6.13 8.63 .375 5.00 .500 3 .5637 11.48 22.4 27.8 123.2 3.9 5.4 4.4 6.19 9.56 .375 5.00 .563 3 .5637 12.25 20.2 27.9 103.4 3.6 5.1 3.7 6.38 8.56 .375 6.00 .563 3 .6237 12.46 23.2 29.8 129.2 3.9 5.6 4.3 6.5 9.56 .375 6.00 .563 3 .5637 12.96 23.3 31.8 132.3 3.9 5.7 4.2 6.75 9.56 .375 6.00 .563 3 .5637 12.96 23.3 21.8 132.3 5.0 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4	•	563T	10.41	2	23.7	2	3.9		4.8	5.63	9.56		00.7	.563	3.69
.5007 11.29 22.4 25.7 116.9 3.9 5.2 4.6 5.88 9.50 .375 5.00 .500 3 6257 11.77 20.1 26.0 101.0 3.6 5.0 3.9 6.13 8.63 .375 5.00 .625 3 6537 11.98 22.9 27.8 123.2 3.9 5.4 4.4 6.19 9.56 .375 5.00 .563 3 653 12.25 20.2 27.9 103.4 3.6 5.1 3.7 6.38 8.56 .375 6.00 .563 3 625 12.48 23.2 29.8 129.2 3.9 5.6 4.3 6.50 9.63 .375 6.00 .563 3 655 12.96 23.3 31.8 132.3 3.9 5.7 4.2 6.75 9.56 .375 6.00 .563 3 6.50 13.2 2.5 2.5 30.0 152.0 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4	•	5637	11.16	6	24.2		3.6		4.0		8.56		2.00	.563	3.32
.6637 11.77 20.1 26.0 101.0 3.6 5.0 3.9 6.13 8.63 .375 5.00 .625 3.3 .563 11.98 22.8 27.8 123.2 3.9 5.4 4.4 6.19 9.56 .375 5.00 .563 3.6 .563 12.25 20.2 27.9 103.4 3.6 5.1 3.7 6.38 8.56 .375 6.00 .563 3.3 .565 12.48 23.2 29.8 129.2 3.9 5.6 4.3 6.50 9.56 .375 5.00 .563 3.7 6.53 12.48 23.3 31.8 31.8 31.8 25.1 26.6 30.0 152.0 4.2 5.7 4.1 6.88 10.50 .438 5.00 .500 4.7 6.1 6.88 10.50 .438 5.00 .500 4.7	•	1005	11.29	C	25.7	116.9	3.9		4.6			.375	0	5	3.67
.563T 11.48 22.8 27.8 123.2 3.9 5.4 4.4 6.19 9.56 .375 5.00 .563 3.6 .563T 12.25 20.2 27.9 103.4 3.5 5.1 3.7 6.36 8.56 .375 6.00 .563 3.3 .625T 12.48 23.2 29.8 129.2 3.9 5.6 4.3 6.50 9.63 .375 5.00 .625 3.7 6.53T 12.48 5.30 31.6 5.3 31.6 5.5 5.7 4.2 6.50 9.56 .375 6.00 .563 3.6 .563T 12.1 26.5 30.0 152.0 4.2 5.7 4.2 6.88 10.50 .438 5.00 .500 4.7	•	5251	11.77	0	26.0	0	3.6	5.0	3.9		8.63		5.00	9	3.34
.5637 12.25 20.2 27.9 103.4 3.6 5.1 3.7 6.38 8.56 .375 6.00 .563 3.3 .6251 12.48 23.2 29.8 129.2 3.9 5.6 4.3 6.50 9.63 .375 5.00 .625 3.7 .5637 12.96 23.3 31.8 132.3 3.9 5.7 4.2 6.75 9.56 .375 6.00 .563 3.6 .5637 12.36 23.5 31.8 132.3 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4.7	•	56 ST		2	27.8	m	3.9	5.4	4.4			37	0	5	3.69
.6257 12.48 23.2 29.8 129.2 3.9 5.6 4.3 6.50 9.63 .375 5.00 .625 3.7 5.53 12.36 23.3 31.8 132.3 3.9 5.7 4.2 6.75 9.56 .375 6.00 .563 3.6 .500 152.0 152.1 26.5 30.0 152.0 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4.7	•	563T		0	27.9	m		5.1	3.7	6.38		.375	0	5	3.32
7 .563T 12.36 23.3 31.8 132.3 3.9 5.7 4.2 6.75 9.56 .375 6.00 .563 3500T 13.21 26.5 30.0 152.0 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4	•	5257		3	29.8	σ		9.6	4.3	5	9.63	.375	5.00	.625	3.72
. 500T 13.21 26.5 30.0 152.0 4.2 5.7 5.1 6.88 10.50 .438 5.00 .500 4.		563F		M	31.8	N		2.5	4.2			.375		96	3.69
		700T		9	30.0	0		1		1 1				Ġ	

.281 IN. PLATE (AREA: 1.82 SQ.IN.)

										•	BEAN	OIMENSION		•••••
				SECTION	I							#E	u	ž
ON	INAL	_	HT/FT		ZFL	INERTIA	ď	4	YF	AREA	-	THICK	HIDIM	THICK
	6x .375/	.6251	13.69	23.7		136.6	3.9	6.6	4:1	=	9.63	.375	6.00	.625
×	•	•	13.80	27.1	32.	159.8	4.2		6.4	-	.5	.438	2.00	.563
	•	•	14.40	57.6	34.	167.1	4.2		6.4	.5	9.0	.438	2.00	.625
	•	•	14.65	21.7	32.	116.5			3.6	.5	9	.438	6.00	.688
	•	•	14.76	54.9	34.	145.0	3.9		4.2			.438	2.00	.750
	•	•	14.88	27.8	36.	171.3			4.7	-	0.5	.438	6.00	.563
	•	.68	15.00	28.1	36.	174.4	4.3	6.2	4.8	7.81		.438	5.00	.688
	•	•	15.61	28.3	39.	179.3	4.2	6.3	9	7	9.0	.438	6.00	.625
×6	•	•	16.20	25.5	39.	155.2	3.9	6.1	3.9	:	1.6	.438	6.00	.750
	•	•	16.32	28.7	.1.	186.8	4.3	6.5	2	.5		.438	6.00	.688
	•		16.80	25.5	41.	157.9	3.9			-	9	.438	7.00	.688
	2x .500/	. 563T	16.92	35.9	41.	247.6	4.8		0		2.5	.500	5.00	.563
	6x .438/	.750T	17.05	29.1	* * *	194.4	4.3	2.9	3		-	.438	6.00	.750
	2x .500/	.625T	17.53	36.6	*	258.6	6.4	7.1		7	2.6	.500	5.00	.625
	7X .438/	.688T	17.54	2.62	47.	197.9	4.2	8.9	2	-	9.0	.438	0	.688
12x 6x	7005. X	.563T	18.01	36.9	.94	564.9	6.4	7.2	1	.3	2.5	.500	0	.563
12x 5	2x .500/	•	19.12	37.2	.94	269.1	6.4	7.2	1	*	2.6	50		.688
	7x . 438/	•	18.49	9.62	50.	205.3	4.2	6.9	-	9	1.0	.438	0	.750
12x 6	7005. X9	•	18.72	37.6	63	276.8	6.4	7.4	2	-	2.6	.500	0	.625
8 ×6	X .438/	•	19.08	26.2		171.8	3.8	6.5	2	6	7.6	.438	0	.750
	7005. X	•	19.45	38.2	52.	287.8	6.4	7.5		10.13	2.6	50	0	.688
	•	•	19.93	38.9	54.	298.4	6.4		2			.500	0	.675
	•	•	20.16	38.8	26.	298.8	6.4		2	.5	2.7	.500	0	.750
	•	•	20.76	39.0	29.	304.8	6.4		2		5.6	.500	0	.688
	•	1057.	21.60	39.6	52.	316.3	6.4			~	2.7	.500	0	.750
	•	•	22.33	48.7	62.	4.96.7	5.5		9	9	4.6	.563	0	.625
	•	•	23.04	40.3	69	331.8	6.4				2.7	.500	0	.750
	•	•	23.04	5.64		422.3	5.5			0	4.6	.563	0	.688
	•	•	23.29	9.04	69	337.6	6.4		6	7	2.8	.500	0	.875
	•	•	23.77	50.3	69	437.6	2.6		2		4:7	.563	0	.750
	7x .563/	•	24.36	9.05	72.	6.944	5.5		-	9	4.6	.563	0	.688
	•	•	24.96	41.3	77.	353.8	6.4		9		2.8	.500	0	.875
14x 7	7x .563/	.750T	25.21	51.4	76.	463.0	9.6		0	7	4:7	.563	0	.750
12X 7	•	-	26.40	43.6	77.	370.4	6.4			-	0	.563	0	1.000
14x 8	•		59.92	52.4	84.		9.6				4:7	.563	0	.750
	•	•	25.98	52.9	94.	3.	9.6				4.8	.563	0	.875
	•	1.000T	28.32	44.3	85.		4.8		2	-	3.0	.563	0	1.000
14x 8	x .563/	.875T	28.57	53.8	93.		9.6		2		4.8	.563	0	.875
	9x .563/	.875T	30.24	54.6	102.	539.3	5.5		2	-		56	0	.875
	x .563/1	1.0001	30.49	55.1	102.	:	9.6		-	5.8	5.0	56	0	1.000
	•	.12	31.93	58.1	101.		9.6		9	9.9	5.1	.625	0	1.125
-	•	1.000T	32.16	45.4	101.	2	4.7		-	5.7	3.0	. 563	0	1.000
14x 9	•	00	32.41	6.55	112.0		5.5	10.2	5.1	16.88	15.00	.563	9.00	1.000
			28.85	4.8.1	100	7 827		0				63		26
	•	34		***	. 701	30.	;		?:	•	1:0	670.	9	1111

.261 IN. PLATE (AREA= 1.62 SQ.IN.)

MAY   1125   M.   MAY	MAY   SIZE			SECTION	MODOL US					:	** BEAN	DIN	4	NSE	SHEAR
68911.0017 34.56 722 112.9 761.0 6.2 10.5 6.7 18.0 17.10 6.68 7.0 1.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 6.68 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.25 7.0 10.001 11.	68511.001 34.56 722 112.9 761.0 6.2 10.5 6.7 18.0 17.00 6.60 7.00 1.125 6.00 6.00 6.00 1.00 1.00 1.00 6.00 1.00 1	_	HT/FT	201	ZFL	RTI	œ	O.		AREA	DEPTH	THICK	_	Ħ	AREA
6801.201 36.00 45.0 111.1 451.6 4.7 9.3 4.118.7 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5 11.1 6.5	68011.201		34.56	72.2	112.9	61.	6.2	•		00.9	17.00	.688	•	•	•
	68011.201		36.00	48.6	11111	53.	4.7			8.75	13.13	. 625	0	7	
	**************************************		36.48	73.7	123.9	. 96	6.2			9.00	17.00	.688	0		•
The control of the			37.92	75.4	129.9	36.	6.2	11.1		9.75	17.25	.688	0	2	
7907.2876         133.6         99.7         133.4         100.9         66.7         11.4         5.0         2.0         10.8         9.0         1.5.5         10.9         9.0         1.5.5         10.0         9.0         1.5.5         10.0         9.0         1.5.5         10.0         9.0         11.5         10.0         9.0         11.5         10.0         9.0         11.5         10.0         9.0         11.5         10.0         9.0         11.5         9.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0 <th< td=""><td></td><td></td><td>38.40</td><td></td><td>134.9</td><td>32.</td><td>2.9</td><td>11.1</td><td></td><td>00.0</td><td>17.00</td><td>.688</td><td>0</td><td></td><td>•</td></th<>			38.40		134.9	32.	2.9	11.1		00.0	17.00	.688	0		•
600/11257	60007.1257		39.36	1.68	134.4	30.	8.9	11.5		0.50	18.88	.750	8.00		
66044.1259	6684.1257 40.57 76.0 145.7 6.0 145.7 6.1 114 5.0 21.01 17.00 6.68 10.0 1.00 110. 110. 110. 110. 110. 110		60.00	64.1	133.3	672.2	5.4	10.5		0.88	15.25	.688	9-00	2	
756/7. 2077 41.05 91.2 145.5 1673.4 6.2 11.4 6.0 21.13 17.3 .668 9.00 13.25 11. 756/7. 2077 41.05 92.0 145.9 1075.2 6.0 11.0 7.4 21.30 16.80 779 9.00 13.00 11. 756/7. 2077 41.05 92.0 145.9 1075.2 6.0 11.0 7.4 21.30 16.80 779 9.00 13.00 11. 756/7. 2077 41.25 15.9 10.0 14.2 10.0 11.0 11.2 11.0 11.0 11.0 11.0 11	756/1.0757		40.32	76.0	145.7	862.9	6.1	11.4		1.00	17.00	.688	10-00	1.000	
75674.000f 41.28 99.0 1455 1075.2 66 11.8 74 21.38 14.86 779 9.00 .875 14.00 .750 41.000f 41.28 99.0 1455 1075 66 11.0 17.0 19.0 1.750 9.00 11.25 11.0 1.000 11.25 11.0 1.000 11.0 11.0 11.0 11.0 11.0 11	755/4.000f 41.28 94.2 145.5 1475.2 66 11.8 7.4 51.38 1.76 9.00875 14. 68 14.00750 9.00875 14. 68 14.00875 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14. 68 14.		40.57	16.5	145.5		6.2	11.4		1.13	17.13	.688	9.00	1.125	
*** **********************************	**************************************	.750/	41.05	91.3	145.5		9.9			1.38	16.88	.750	8.00		
		.750/1	41.28	92.0	145.9		6.8			1.50	19.00	.750	0	1.000	3
***P\$ (18.5)         **P\$ (18.5)	**************************************		42.72	77.6	157.6	905.2	6.1			2.25	17.13	.668	0	1.125	
***F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F\$/F	750/11251 47 59 68 110.7 1190.9 68 12.4 7.0 25.6 19.10 750 9.0 1.1125 14 750/11251 47 59.6 110.7 1131.1 124.3 68 12.7 6.0 22.75 19.25 750 11.0 1.0 10 10 11.2 14 750/11251 49.9 19.5 19.7 13.1 124.3 68 13.0 6.5 26.0 19.0 750 11.0 1.125 14 750/11251 51.8 99.7 13.1 124.3 6.0 12.7 6.0 22.75 19.25 750 11.0 1.125 14 750/11251 52.8 19.1 10.4 13.1 12.8 6.0 13.3 6.2 2.0 19.0 19.2 750 11.0 1.125 14 750/11251 56.0 13.1 10.4 143.2 6.0 13.3 6.2 2.0 19.0 19.2 750 11.0 1.125 14 750/11251 56.0 13.3 12.2 13.4 143.2 6.0 13.3 6.2 2.1 19.2 750 11.0 1.125 14 750/11251 56.0 13.3 12.2 13.4 143.2 6.0 13.3 6.2 2.1 19.2 750 11.0 1.125 14 875/11251 56.0 13.3 12.2 13.4 143.2 6.0 13.3 14.4 8.2 3.6 2.1 3 19.5 19.2 19.0 11.125 19 875/11251 56.0 13.3 12.2 13.4 143.2 6.0 13.4 14.4 8.2 3.6 2.1 19.0 11.125 19 875/11251 56.0 140.5 26.6 20.7 1996.7 7.6 14.4 8.2 3.6 2.5 2.1 19.5 19.0 11.125 19 875/11251 59.0 13.3 12.2 13.4 14.2 14.4 14.4 14.4 14.2 14.0 11.125 19 875/11251 59.0 140.5 26.6 20.7 1996.7 7.6 14.4 8.2 3.6 2.5 19.5 19.5 19.0 11.125 19 875/11251 59.0 140.5 26.6 20.7 1996.7 7.6 14.4 8.2 3.6 2.5 19.5 19.0 11.2 19.0 11.2 19 875/11251 59.0 140.5 26.6 20.7 1996.7 7.6 14.4 8.2 3.6 2.5 19.5 19.0 11.2 19.0 11.2 19 875/11251 64.3 140.5 26.6 20.7 19.6 17.6 14.7 7.0 32.0 10.0 11.2 19.0 11.2 19 875/11251 64.3 140.5 26.6 20.7 14.4 8.2 3.6 2.5 10.0 11.2 19 875/11251 64.3 140.5 26.6 20.7 14.4 8.2 3.6 2.5 10.0 11.2 19 875/11371 64.3 140.5 26.6 20.7 14.4 8.2 3.6 2.5 10.0 11.0 11.2 19 875/11371 64.3 14.5 26.6 20.7 14.4 8.2 3.6 2.5 10.0 11.0 11.0 11.2 19 875/11371 64.3 140.5 26.6 20.7 14.4 8.2 3.6 2.5 10.0 11.0 11.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 11.2 12.0 1		68.44	78.5	169.4		6.1	•		3.38	17.13	.688	0	1.125	
75071.001	750/112501 47.54 96.4 122.8 1217.1 124.3 6.8 12.7 6.8 24.75 19.25 750 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11		45.37	92.8	170.7		9.9			3.63	19.13	.750	0	1.125	
750711257 77.52 97.7 183.1 1244.3 6.8 12.7 6.8 24.75 19.25 775 11.00 1.255 14.750 14.9.69 99.69 19.75 183.1 1244.3 6.8 13.0 6.5 25.00 19.13 7.75 11.00 1.255 14.750 11.257 14.9.69 99.1 197.5 125.9 6.8 13.0 6.5 25.00 19.13 7.75 11.00 1.255 14.257 14.9.69 99.1 197.5 125.9 6.8 13.0 6.5 25.00 19.13 7.75 11.00 1.255 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.257 14.25	756/1.2501 47.52 97.7 183.1 1244.3 6.8 12.7 6.8 25.0 19.13 7750 19.0 0 1.1250 14. 750/1.1251 49.59 99.5 197.5 125.9 6.8 13.0 6.5 25.0 19.13 7750 14.0 0 1.1250 14. 750/1.1251 99.5 19.5 19.5 125.9 12. 125.9 14. 1250/1.251 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19		47.04	96.4	182.8		9.9			4.50	19.00	.750	0	1.000	3
750/1.1257         49.69         99.5         197.5         1275.9         6.8         13.0         6.5         25.00         19.25         750         11.00         1.350         14.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	756/11257		47.52	7.16	193.1		8.9			4.75	19.25	.750	0	1.250	14.65
7501.1.2501         69.91         197.8         1299.0         6.8         13.0         6.5         26.00         13.25         750.0         10.125         1750.0           7501.1.2501         52.32         10.0         13.13.6         6.8         13.2         6.7         13.13.6         6.8         13.2         6.7         13.13.6         13.13.6         6.8         13.3         6.5         26.9         13.2         7.0         13.13.6         13.13.6         6.8         13.3         6.5         27.25         13.5         7.0         14.1         10.25         12.5         7.5         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         10.25         10.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0         13.25         10.0	750/1.2571		49.69	98.5	197.5		9.9			2.88	19.13	.750	0	1.125	14.56
***P\$\$\text{\$\text{1.25f}}\$         \$\text{5.01}\$         \$\text{1.32}\$         \$\text{6.2}\$         \$\text{7.01}\$         \$\text{1.32}\$         \$\text{6.2}\$         \$\text{7.01}\$         \$\text{7.01}\$         \$\text{1.25}\$         \$\text{1.25}\$         \$\text{1.25}\$         \$\text{1.25}\$         \$\text{1.32}\$         \$\text{6.6}\$         \$\text{1.32}\$         \$\text{6.2}\$         \$\text{6.2}\$ <td>7501.1271         51.84         99.7         210.9         1313.6         6.0         13.2         6.2         27.0         10.2         75.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0</td> <td></td> <td>49.92</td> <td>99.1</td> <td>197.8</td> <td></td> <td>8.9</td> <td>13.0</td> <td></td> <td>6.00</td> <td>19.25</td> <td>.750</td> <td></td> <td>1.250</td> <td></td>	7501.1271         51.84         99.7         210.9         1313.6         6.0         13.2         6.2         27.0         10.2         75.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0		49.92	99.1	197.8		8.9	13.0		6.00	19.25	.750		1.250	
***P\$\$\text{\$1.25}\$\tag{1.25}\$\tag{1.25}\$\tag{1.31.8}         6.8         13.2         6.8         23.2         19.2         15.0         1.259         14.2         15.2         15.2         15.2         16.4         15.2         15.4         15.8         6.8         13.2         22.2         15.0         15.2         15.0         15.2         15.0         15.2         15.0         15.2         15.0         15.2         15.0         15.2         15.0         15.2         15.0         15.0         15.2         15.0         15.0         15.2         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	************************************	16X12X . 750/1.125T	51.84	1.66	210.9	1313.6	9.9	13.2		2.00	19.13	.750		1-125	•
07571.1257         54.72         132.9         214.4         183.4         7.8         13.8         6.6         28.50         22.13         .075         9.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1.125         19.00         1	075/1.125f         54.72         132.9         214.4         1836.4         7.0         13.0         0.6         28.5         13.1         0.6         28.5         13.0         22.13         .075         9.00         1.125         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         17.25         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0         19.0	18X11X . 750/1.250T	52.32	100.4	212.5	1331.8	9.9			7.25	19.25	.750	0	1.250	•
************************************	************************************	9x .875/1.125F	54.72	132.9	214.4	1638.4	7.8			8.50	22.13	.875	9.00	1.125	
************************************	**************************************		56.16	110.7	211.4	1437.6	9.9	13.0		9.25	19.50	.875		1.500	
**************************************	**************************************		56.89	135.1	230.2	19061	7.8	14.1		9.63	22.13	.675		1.125	
**************************************	**************************************		29.04	130.3	242.7	1996.7	7.8	14.4		9.75	22.38	.875	0	1.375	
**************************************	**************************************		29.04	137.1	542.9	1972.9	7.8	14.4		0.75	22.13	.875	0	1.125	
### 1971-5007 61.21 140.8 256.6 2071.2 7.8 14.7 8.1 31.86 22.50 .875 99.00 1.590 19.  ### 1977-5007 61.69 140.5 261.7 2071.9 7.6 14.7 7.9 32.13 22.50 .875 10.00 1.590 19.  ### 1977-5007 64.69 140.5 261.7 2071.9 7.6 15.0 7.6 33.50 22.50 .875 10.00 1.500 19.  ### 1977-5007 64.69 140.5 261.7 2071.9 7.6 15.0 7.6 33.50 22.50 .875 11.00 1.500 19.  ### 1977-5007 64.69 140.5 260.3 2141.0 7.6 15.0 7.6 33.50 22.50 .875 11.00 1.500 19.  ### 1977-5007 66.97 145.0 2219.3 7.8 15.3 7.5 34.86 22.50 .875 11.00 1.500 19.  ### 1977-5007 66.90 145.8 317.5 2265.7 7.7 15.6 7.2 36.36 22.38 .875 13.00 1.375 19.  ### 1977-1257 69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.38 25.13 1.000 11.00 11.125 25.  ### 1977-1257 72.00 187.1 319.7 2285.0 7.7 15.6 7.2 36.38 25.13 1.000 11.00 11.125 25.  ### 1977-1257 72.00 187.1 319.7 2285.0 7.7 15.6 7.2 36.38 22.50 .875 13.00 1.375 19.  ### 1977-1257 72.46 189.0 319.7 2285.0 7.7 15.6 7.2 36.38 22.38 .875 14.00 11.25 25.  ### 1977-1257 72.46 189.0 319.7 2285.0 7.7 15.6 7.2 36.38 22.30 .875 14.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 15.00 1.375 1	**************************************		61.21	138.9	261.8	2033.6	2.8	14.6		1.88	22.13	.875		1.125	
### 19574.5757 61.69 140.5 261.7 2071.9 7.8 14.7 7.9 32.13 22.36 .675 10.00 1.575 19.  ### 19574.5757 64.69 143.0 277.2 2140.8 7.8 15.0 7.6 33.50 22.38 .675 10.00 1.575 19.  ### 19574.507 64.10 142.5 280.3 2141.0 7.8 15.0 7.6 33.50 22.38 .675 11.00 1.575 19.  ### 19574.507 64.32 142.5 280.3 2141.0 7.8 15.0 7.6 33.50 22.38 .675 11.00 1.575 19.  ### 19574.507 66.97 145.6 297.0 2219.3 7.8 15.5 7.1 36.25 25.13 1.000 13.00 13.0 11.25 25.  ### 19574.577 69.60 145.8 317.5 2264.7 7.7 7.5 9.9 35.25 25.13 1.000 13.00 13.0 1.125 25.  ### 19574.577 69.60 145.8 317.5 2265.0 7.7 15.6 7.2 36.38 25.13 1.000 11.00 11.25 25.  ### 19574.577 69.85 146.7 317.3 2265.0 7.7 15.6 7.2 36.38 25.13 1.000 11.00 11.25 25.  ### 19574.577 72.00 187.1 319.7 2998.0 8.7 16.0 9.4 37.50 25.13 1.000 12.00 11.375 19.  ### 19574.3757 72.25 147.3 335.5 2319.7 7.7 15.6 7.2 35.38 22.38 .875 14.00 11.375 25.  ### 19574.3757 72.75 148.3 336.9 2349.1 8.8 16.1 9.5 37.8 22.5 14.00 11.00 1.375 25.  ### 19574.3757 72.73 149.5 337.7 3160.3 8.8 16.1 9.4 39.00 25.5 14.00 11.00 11.00 1.500 15.00 10.00 1.375 25.  ### 19574.5757 75.13 192.0 341.3 3152.9 8.8 16.1 9.1 40.50 25.50 1.000 11.00 11.00 1.500 15.  ### 19574.5757 75.13 192.0 341.3 3152.9 8.8 16.7 9.1 40.50 22.50 1.000 11.00 1.500 15.00 19.  ### 19574.5757 75.13 192.0 341.3 3152.9 8.8 16.7 9.1 40.50 22.50 1.000 11.00 1.500 15.00 19.  ### 19574.5757 75.13 192.0 341.3 3152.9 8.8 16.7 9.1 40.50 22.50 1.000 11.00 1.500 15.00 19.  ### 19574.5757 75.13 192.0 341.3 3152.9 8.8 16.7 9.1 40.50 22.50 1.000 11.00 1.500 15.00 19.00 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1	### 1977   575   64.69   140.5   261.7   2101.9   7.8   14.7   7.9   32.13   22.50   .875   10.00   1.570   19.  ### 1977   64.69   143.0   277.2   2140.8   7.8   15.0   7.8   33.30   22.50   .875   10.00   1.590   19.  ### 1977   64.99   143.0   277.2   2140.8   7.8   15.0   7.6   33.50   22.50   .875   11.00   1.570   19.  ### 1977   64.99   143.0   277.2   2140.3   7.8   15.3   7.5   34.06   22.50   .875   11.00   1.570   19.  ### 1977   66.97   145.0   237.0   2219.3   7.8   15.5   9.9   35.25   25.13   1.000   1.125   25.  ### 1977   66.97   145.0   237.5   2264.7   7.7   15.6   7.2   36.36   25.13   1.000   11.00   1.125   25.  ### 1977   69.85   146.7   317.3   2285.0   7.7   15.6   7.2   36.36   22.50   .875   12.00   1.275   19.  ### 1977   72.00   187.1   319.7   2285.0   7.7   15.0   9.4   37.53   22.50   .875   12.00   1.275   25.  ### 1977   72.46   187.1   319.7   7.7   15.0   9.4   37.63   22.50   .875   14.00   1.275   25.  ### 1977   72.46   189.0   319.9   349.1   8.8   16.4   9.4   37.63   22.50   .875   13.00   1.375   25.  ### 1977   72.46   189.0   349.1   3.60   16.4   9.4   37.63   22.50   .875   14.00   1.375   25.  ### 1977   72.46   189.0   349.1   3.60   16.4   9.4   37.63   22.50   .875   14.00   1.375   25.  ### 1977   72.46   199.0   341.3   315.2   3.6   16.4   9.4   37.63   22.50   .875   14.00   1.375   25.30   1.00   1.375   25.30   1.00   1.375   25.30   1.00   1.375   25.30   1.00   1.375   25.30   1.00   1.375   25.30   1.00   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50	•	61.21	140.8	256.6	2071.2	2.8	14.7	•	1.88	22.50	.875	0	2	
**************************************	075/1.377 64.09 142.5 200.3 2144.0 7.8 15.0 7.8 33.50 22.50 .075 11.00 1.570 19. 075/1.377 64.09 142.5 200.3 2219.3 7.8 15.0 7.5 33.50 22.50 .075 11.00 1.570 19. 075/1.377 64.32 142.5 200.3 2219.3 7.8 15.0 7.5 33.50 22.50 .075 11.00 1.375 19. 1.000/1.1257 66.97 186.97 101.5 2219.3 7.8 15.8 7.5 35.25 25.13 1.000 13.00 13.75 19. 075/1.377 69.60 145.8 317.5 2264.7 7.7 15.6 7.2 36.38 25.13 1.000 13.00 1.375 19. 075/1.377 69.60 145.8 317.5 2264.7 7.7 15.6 7.2 36.38 22.50 .075 12.00 1.375 19. 075/1.377 72.00 187.1 319.7 2998.8 8.7 16.0 9.4 37.51 22.50 .075 14.00 1.225 25. 075/1.377 72.25 147.3 335.5 2319.7 7.7 15.6 7.2 35.3 22.30 .075 14.00 1.275 25. 075/1.377 72.0 187.1 319.7 2998.8 8.7 16.0 9.4 37.51 22.30 .075 14.00 1.375 19. 075/1.377 72.0 147.3 335.5 2319.7 7.7 15.6 7.0 37.60 22.50 .075 14.00 1.375 25. 075/1.375 72.48 189.0 319.9 319.9 16.1 9.5 37.75 25.38 1.000 10.00 1.375 25. 075/1.375 72.48 189.0 319.9 319.9 16.1 9.5 37.75 25.38 1.000 10.00 1.375 25. 075/1.375 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.30 22.50 .075 14.00 15.00 15.00 15.00 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	•	61.69	140.5	261.7	2071.9	2.0	14.7	•	2.13	22.38	.875		1.375	
66.97 145.0 237.0 2219.3 7.6 15.3 7.5 34.0 22.5 0.075 11.00 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500	66.97 145.0 237.0 2219.3 7.6 15.3 7.5 35.0 22.5 0.075 11.00 1.500 19.5 66.97 145.0 2219.3 7.6 15.3 7.5 35.25 25.13 1.000 11.00 1.500 19.5 65.60 101.5 283.8 2264.7 7.7 15.5 7.1 36.25 25.13 1.000 11.00 11.125 25.5 69.85 104.5 301.7 2908.7 8.7 15.6 7.2 36.38 25.13 1.000 11.00 11.125 25.5 69.85 104.5 310.7 2908.7 8.7 15.6 7.2 36.38 25.13 1.000 11.00 11.25 25.5 17.3 11.00 11.25 25.3 11.000 11.00 11.25 25.5 17.3 11.000 11.00 11.25 25.3 11.000 11.00 11.25 25.5 17.3 11.000 11.375 19.5 17.3 11.3 19.7 290.7 7.7 15.6 7.2 36.38 22.30 .075 11.000 11.25 25.5 17.3 11.000 11.375 19.5 17.3 11.000 11.375 19.5 17.3 11.000 11.375 19.5 17.3 11.000 11.375 19.5 17.3 11.000 11.375 19.5 17.3 11.000 11.375 17.3 11.3 19.2 0.3 11.3 19.2 0.3 11.3 19.2 0.3 11.3 19.2 0.3 11.3 19.2 0.3 11.3 19.2 0.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 19.3 11.3 11		60.49	143.0	2.175	2148.8		15.0	~ `	3.38	22.50	. 875	9 6	1.500	
67.68 161.5 283.8 2613.4 8.7 15.5 9.9 35.25 25.13 1.000 11.00 1.125 25.4 69.61 145.8 317.5 2264.7 7.7 15.5 7.1 36.25 22.36 .875 13.00 1.375 19.8 69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.38 22.50 .875 12.00 11.00 1.125 25.4 169.8 146.7 319.7 2998.8 8.7 16.0 9.4 37.50 25.13 1.000 11.00 1.125 25.4 172.00 187.1 319.7 2998.8 8.7 16.0 9.4 37.50 25.3 1.000 11.00 1.125 25.4 172.0 187.1 3355.9 18.8 16.1 19.9 17.7 15.7 15.7 15.7 15.8 17.8 25.3 1.000 11.00 1.375 19.8 172.7 146.3 336.8 2349.1 7.7 15.8 7.0 37.8 22.50 .875 13.00 1.375 19.9 72.7 146.3 336.8 2349.1 7.7 15.8 7.0 37.8 22.50 .875 13.00 1.500 19.9 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.50 1.000 11.00 1.500 19.9 75.1 149.6 356.5 2401.2 7.6 16.0 6.7 39.38 22.50 .875 14.00 1.500 19.9 77.6 195.4 350.9 375.8 246.7 9.1 40.50 25.50 1.000 11.00 1.500 25.7 78.79 15.0 1.500 1.500 25.7 78.79 15.0 1.000 11.00 1.500 25.7 78.79 15.0 1.000 11.70 1.500 25.7 78.79 15.0 1.000 11.00 1.500 25.7 78.79 15.0 1.500 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 10.000 11.000 1.500 25.7 78.79 1.000 11.000 1.500 25.7 78.79 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	67.68 161.5 283.8 2813.4 6.7 15.5 9.9 35.25 25.13 1.000 11.00 1.125 25.4 69.61 145.8 317.5 2264.7 7.7 15.5 7.1 36.25 22.36 .875 13.00 1.375 19.8 69.85 146.7 317.5 2285.0 .875 13.00 11.00 1.125 25.4 69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.38 22.50 .875 12.00 11.00 1.125 25.4 172.00 187.1 2998.8 6.7 16.0 9.4 37.50 25.13 1.000 11.00 1.125 25.4 172.0 187.1 2998.8 6.7 16.0 9.4 37.50 22.30 .875 12.00 11.00 1.125 25.4 172.0 187.1 2998.8 16.1 16.0 9.4 37.50 22.30 .875 12.00 11.00 1.375 19.8 172.45 189.9 316.9 316.9 16.1 15.7 15.7 15.7 15.7 15.8 17.8 22.50 .875 14.00 11.375 19.8 172.73 146.3 336.8 2349.1 7.7 15.8 7.0 37.86 22.50 .875 13.00 10.00 1.375 25.5 17.0 10.00 11.00 1.500 19.9 17.0 11.0 11.0 1.500 11.0 11.0 1.500 11.0 11.	X 875/1 500T	66.97	145.0	237.0	2219.3	2	15.4		2000	22.50	875		1.500	
69.60 145.8 317.5 2264.7 7.7 15.5 7.1 36.25 22.36 .875 13.00 1.375 19.8 69.85 146.5 301.7 2908.7 6.7 15.6 7.2 36.38 25.13 1.000 11.00 1.125 25.4 69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.38 22.50 .875 12.00 11.00 1.125 25.4 72.00 187.1 2998.8 6.7 16.0 9.4 37.50 25.13 1.000 11.00 1.125 25.4 72.25 147.3 335.5 2319.7 7 2998.8 6.7 16.0 9.4 37.50 25.13 1.000 11.00 1.375 19.8 72.75 147.3 335.8 2349.1 7.7 15.7 6.9 37.6 22.5 14.00 10.00 1.375 19.8 72.73 148.3 336.8 2349.1 7.7 15.8 7.0 37.86 22.5 14.000 10.00 1.375 25.6 74.88 192.5 337.7 3160.3 6.8 16.4 9.4 39.00 25.5 11.000 10.00 1.500 25.7 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.5 11.000 11.00 1.500 19.9 75.11 149.6 25.5 2401.2 7.6 16.0 6.7 39.38 22.5 11.000 11.00 1.500 25.7 76.49 150.9 375.8 246.5 16.0 10.00 11.00 1.500 25.7 78.79 19.8 2453.2 7.6 16.0 6.7 39.14 1.50 25.70 1.000 11.00 1.500 25.7 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.7 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.7 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.7 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.7 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.8	69.60 145.8 317.5 2264.7 7.7 15.5 7.1 36.25 22.36 .875 13.00 1.375 19.8 69.85 146.5 301.7 2908.7 6.7 15.6 7.2 36.36 25.13 1.000 11.00 1.125 25.4 69.85 146.7 317.3 2285.0 .875 12.00 11.00 1.125 25.4 12.00 187.1 2908.8 6.7 15.6 7.2 36.38 22.50 .875 12.00 11.00 1.125 25.4 72.25 147.3 335.5 2319.7 7.7 15.6 7.2 37.50 25.3 1.000 11.00 1.375 19.8 72.25 147.3 335.6 2319.7 7.7 15.7 6.9 37.5 25.3 1.000 10.00 1.375 19.8 72.73 148.3 336.8 2349.1 7.7 15.8 7.0 37.86 22.5 1.000 10.00 1.375 25.5 72.73 148.3 336.8 2349.1 7.7 15.8 7.0 37.86 22.5 1.000 10.00 1.500 19.9 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.5 1.000 11.00 1.500 19.9 77.76 195.4 350.9 326.7 7 8 16.7 9.1 40.5 25.5 1.000 11.00 1.500 15.7 77.7 15.8 150.9 326.7 7 8.8 16.7 9.1 40.5 25.5 1.000 11.00 1.500 19.9 77.7 15.0 190.9 17.9 17.0 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 1.500 11.00 11.500 11.00 1.500 11.00 11.500 11.00 11.500 11.00 11.500 11.00 11.500 11.500 11.500 11.00 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.500 11.	1X1.000/1.125T	67.68	101.5	283.8	2813.4	8.7	15.5		5.25	25.13	1.000	0	1.125	
69.85 146.7 317.3 2285.0 7.7 15.8 9.6 36.38 25.13 1.000 11.00 1.125 25.4 12.00 187.3 2285.0 87.2 146.7 317.3 2285.0 7.7 15.6 7.2 36.38 22.50 875 12.00 1.500 19.9 172.00 187.3 319.7 2998.8 8.7 16.0 9.4 37.50 25.3 1.000 12.00 1.375 19.8 172.47 147.3 335.8 2319.7 7.7 15.7 6.9 37.50 22.3 1.000 11.00 1.375 19.8 172.73 148.3 336.8 2349.1 7.7 15.8 7.0 37.86 22.50 875 14.00 11.375 25.6 17.8 192.5 337.7 3160.3 8.8 16.4 9.4 39.00 25.50 1.000 10.00 1.500 19.9 175.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.50 1.000 11.00 1.500 19.9 175.11 149.6 25.5 2401.2 7.6 16.0 6.7 39.38 22.50 .875 14.00 1.500 25.7 176.4 150.9 375.8 2453.2 7.6 16.0 6.7 39.38 22.50 1.000 11.00 1.500 25.7 176.4 150.9 375.8 2453.2 7.6 16.0 6.5 40.8 22.50 1.000 11.00 1.500 25.7 176.6 19.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.500 25.7 1.000 10.00 1.750 26.8	69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.36 25.13 1.000 11.00 1.125 25.4 15.00 187.3 2285.0 875 12.00 15.00 19.9 19.9 12.00 187.3 2285.0 877 15.6 7.2 36.36 22.50 875 12.00 1.500 19.9 172.00 187.3 315.5 2319.7 7.7 15.7 6.9 37.50 25.3 1.000 12.00 11.25 25.4 172.00 319.9 27.5 25.4 172.00 319.9 27.5 25.4 172.0 172.0 17.3 17.5 25.4 17.0 17.0 17.3 17.5 25.4 17.0 17.0 17.3 17.5 25.4 17.0 17.0 17.0 17.3 17.5 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	IX .875/1.3757	69.60		-	2264.7	7.7			6.59	22.38	.875	0	1.375	19.83
69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.36 22.50 .075 12.00 19.9 72.01 1871 319.7 2998.0 6.7 16.0 9.4 37.50 25.13 1.000 12.00 1.550 19.9 72.25 147.3 335.5 236.9 7.7 15.7 15.7 6.9 37.63 22.38 .075 14.00 1.375 19.0 72.73 146.3 336.8 2349.1 8.6 16.1 9.5 37.75 25.38 1.000 10.00 1.375 25.6 72.73 146.3 336.8 2349.1 7.7 15.8 7.0 37.85 22.50 .875 13.00 1.875 25.5 74.86 192.5 337.7 3160.3 8.8 16.4 9.4 39.00 25.50 1.000 10.00 1.500 19.9 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.50 1.000 11.00 1.500 25.7 75.61 149.6 25.5 2401.2 7.6 16.0 6.7 39.38 22.50 .875 14.00 1.500 25.7 77.76 195.4 350.9 3257.7 8.8 16.7 9.1 40.50 25.50 1.000 11.00 1.500 25.7 78.76 195.8 272.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.750 26.8	69.85 146.7 317.3 2285.0 7.7 15.6 7.2 36.36 22.50 .075 12.00 19.9 172.01 1871 319.7 2998.0 6.7 16.0 9.4 37.50 25.13 1.000 12.00 1.500 19.9 172.25 147.3 335.5 2319.7 7.7 15.7 6.9 37.53 22.38 .075 14.00 1.375 25.4 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 1.375 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	LX1.000/1.125T	69.85		-	2908-7	8.7		•	6.38	25.13	1.000	0	1.125	
72.00 187.1 319.7 2998.8 6.7 16.0 9.4 37.50 25.13 1.000 12.00 1.125 25.4 72.25 147.3 335.5 2319.7 7.7 15.7 6.9 37.63 22.38 .875 14.80 1.375 19.8 72.46 169.0 335.5 2319.7 7.7 15.7 6.9 37.63 22.38 .875 14.80 1.375 25.5 14.80 1.375 25.5 14.80 1.375 25.5 14.80 1.375 25.5 14.80 1.375 25.5 14.80 19.9 72.73 148.3 336.8 2345.1 7.7 15.8 7.0 13.80 25.5 1.000 10.00 1.500 19.9 75.13 192.0 341.3 3152.9 8.8 16.4 9.4 39.00 25.5 1.000 11.00 1.500 25.7 75.61 149.6 25.5 2401.2 7.6 16.0 6.7 39.38 22.50 .875 14.00 1.500 19.9 77.76 195.4 350.9 3257.7 8.8 16.7 9.1 40.50 25.5 0 10.00 11.00 1.500 25.7 78.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.750 26.8	72.00 187.1 319.7 2998.8 6.7 16.0 9.4 37.50 25.13 1.000 12.00 1.125 25.4 72.25 147.3 335.5 2319.7 7.7 15.7 6.9 37.53 22.36 .875 14.00 1.375 19.8 72.45 147.3 335.5 2319.7 7.7 15.7 6.9 37.53 25.30 1.000 10.00 1.375 25.5 72.73 146.3 336.8 2345.1 7.7 15.8 7.0 25.50 1.000 10.00 11.00 11.576 19.8 72.73 146.3 336.8 2345.1 7.7 15.8 7.0 25.50 1.000 10.00 11.500 19.9 75.13 192.0 341.3 3152.9 6.8 16.4 9.4 39.00 25.50 1.000 10.00 11.500 25.7 75.13 192.0 341.3 3152.9 6.8 16.4 9.2 39.13 25.30 1.000 11.00 1.500 25.7 77.76 195.4 350.9 3257.7 8.8 16.7 9.1 40.50 25.50 .875 14.00 11.00 1.500 19.9 77.76 195.4 350.9 375.8 2453.2 7.6 16.3 6.5 40.86 22.50 .875 15.00 11.00 1.500 19.9 78.49 150.9 375.8 2453.2 7.6 16.3 6.5 40.86 22.50 .875 15.00 11.00 1.500 19.9 79.66 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.750 26.8	2x .875/1.500T	69.85	146.7	-	2285.0	7.7			6.38	22.50	.875	0	1.500	
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74.86 192.5 337.7 3160.3 6.8 16.4 9.4 39.00 25.50 1.000 10.00 1.500 25.7 75.13 192.0 341.3 3152.9 8.6 16.4 9.2 39.13 25.36 1.000 11.00 1.375 25.6 75.13 192.0 341.3 3152.9 8.6 16.4 9.2 39.13 25.36 1.000 11.00 1.375 25.6 77.6 1 149.6 356.5 2401.2 7.6 16.0 6.7 39.38 22.50 .875 14.00 1.500 25.7 76.49 150.9 375.8 2453.2 7.6 16.3 6.5 40.86 22.50 .875 15.00 1.500 19.9 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.750 26.8	74.86 192.5 337.7 3160.3 6.8 16.4 9.4 39.00 25.50 1.000 10.00 1.500 25.7 75.13 192.0 341.3 3152.9 8.8 16.4 9.2 39.13 25.38 1.000 11.00 1.375 25.6 75.13 192.0 341.3 3152.9 8.8 16.4 9.2 39.13 25.38 1.000 11.00 1.375 25.6 75.6 149.6 195.9 356.5 2401.2 7.6 140.50 25.50 1.000 11.00 1.500 25.7 77.76 195.4 350.9 375.8 2453.2 7.6 16.3 6.5 40.86 22.50 .875 15.00 11.500 19.9 79.68 198.7 372.3 3372.4 8.8 17.0 9.1 41.50 25.75 1.000 10.00 1.750 26.8	IX .875/1.500T	72.73			2345.1	1.1	15.8	•		22.50	.875	0	1.500	•
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320

.313 IN. PLATE (AREA= 2.25 SQ.IN.)

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•	-	•	5.5	1.5	4.2	1.2	•		.75	3.19	.125	2.00	.188	**
	2		2.5		5.3	1.3	6.		1.06		.188	2-00	.250	9.
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•	25 OT 2	•	1.9	5.9	1.6	1.7	1.2		1.25		.168	2.00	.250	
.188/ .3	2	•	8.2		11.0	1.7	1.3		1.38	4.31	.188	2.00	.313	•
•	31 2		4.9		8.0	1.5	1.2		1.50	3.31	.188	3.00	.313	9.
.188/ .31	37 3		9.8	4.6	13.8	1.9	1.6	3.0	1.69	4.31	.188	3.00	.313	
•	51 3		6.7	4.0	9.5	1.5	1.4	2.3	1.88	3.38	.250	3.00	.375	6.
	8T 3		6.9	*:	1001	1.5	1.5	2.3	5.06	3.44	.250	3-00	.438	6.
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.2507 .31	37 4	.20	11.0	2.9	22.4	2.2		3.6	2.19	5.31	.250	3.00	.313	1.41
.250/ .43	387 4		9.2	6.1	17.4	2.0		6.2	2.31	****	.250	3.00	.436	1:1
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•	3137 4		13.4	7.8	32.6	5.6	5.4	4.2	2.44	6.31	.250	3.00	.313	1.6
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. 2507 .4	438T 5.	04.	14.2	1.6	38.9	2.8	2.7			6.44	.250	3.00	.438	
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•		.08	17.3	13.4	58.1	3.1		4.3		m	.313	0	.375	2.41
•		.45	15.3	13.7	49.2	2.8		3.6	3.88	6.50	.313	0	.500	
•			17.7	14.9	62.7	3.2	3.5	4.2		7.44	.313	0	.430	*
•		.93	15.6	14.9	52.3	5.9		3.5	4.13		.313	0	.563	
•		.04	18.1	16.3	67.1	3.2		4:1		2	.313	4.00	.500	
•		.41	12.7	16.3	24.4	5.9	3.5		4.38		.313	0	.500	2.13
•		25.	18.5	17.8	71.3	3.3		*	***		.313	4-00	.563	*
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2121	1079	94.	2000	20.72	10101	0.0			n u	0.03		2 6	679.	2000
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• •	5637 11	1.16	22.7	25.0	105.5	2.5			5. 8 ·	8.56	375	5-00	563	3.33
•	•	200	25.6		127.7	4		. 4			375	5-00	200	
	•	.77	23.1	9	11100				6.13	8.63	375	5.00	.625	
.375/ .5	-	.88	26.1		134.7				-	9.56	.375	0	.563	
•	563T 12	.25	23.2		113.8	3.6				8.56	.375		.563	3.3
•	-	. 48	26.5		141.5	4.0		4.6	5	9	.375		.625	3.7
. 15	-	96.	26.7	2.	145.1	4.0		* . *		9.56	.375	0	.563	3.7
. /8	1 10	1.21	30.1	31.0	5			5.3		.5	.438	0	.500	4.7

AREA	3.73	75			3.94	4.41	4.76	4.82	-			4.38		4.85	6.47	4.82	6.44	6.50	4.85	6.47	4.41	6.50	9.60		6.50	6.53	9.41	0.73	6.60			6.60	0.40	•			•	8.55	9.55	8.62	9.65	64.2	29.8	0.40	9.65
THICK		2700	. 200	.629	.688	.750	.563	.688	.625	.750	.688	688	.563	.750	.625	.688	.563	.688	.750	.625	.750	.688	.875	.750	.688	.750	• 625		. 875	.750	.688	.875	.750	1.	.750	.875	1.00	.875	.875	1.0	1.125	1.	1.000	1.125	1.125
WIDTH TH						5			9	6.0	6.0	7.0	5.0	6.0		7.00											9.			6-00		•	2.00			:	•		20.6	•	-	-		6	00-0
THICK	375		000	.430	.438	.438	.438	.438	.438	.438	.438	438	.500	.438	.500	.438	.500	.500	.438	.500	.438	.500	.500	.500	. 500	.500	.563	0000	500	.563	.563	.500	.563	. 563	.563	. 563	.563	. 563	.563	. 563	• 629	. 563	.563	. 625	.625
DEPTH	0.63	20.6	10.00	10.63	8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	12.56	12.69	10.75	12.63	9.75	12.69	12.88	12.75	15.69	12.75	14.63	16.13	12.88	14.75	14.69	12.88	14.75	13.00	14.75	14.88	13.00	14.88	14.00	15.00	15.13	13.00	15.00	13.13	15.13
AREA	•	••	• '	•	7.63	7.69	7.75	7.81	8.13	8.44	8.50	8.75	8.81	•	6	9.19	6	44.6	9.63										12.13			13.00	13.13	13.75	13.88	14.00		1	15	-	-	•	16.	17.	17.75
¥	6.4		2.0	2.1	3.8	4.5	6.4	5.0		4.2			6.2	4.6	6.1	4.5	5.9	6.0	4.3	5.8	3.7	5.7	5.7	5.6		5.3	9.0		2.5	9.9		4.8	6.3	2.0	9	6.1		2.0	5.5	2.6			5.3	4.5	5.5
d A	2		200	2.6	5.5	9.6	5.9	6.0	6.1	5.9	6.3	6.0	6.7	6.5	6.8	6.5	6.9	7.0	2.9	7.1	6.4	7.3	7.4	7.5	1.6	7.8				8.5	9.6	4.6	8.8	8.3	9.1	9.1	9.8	9.6	9.7	2.6	9.6	9.0	10.0	9.0	6.6
~	4.0		2	4.3	3.6	4.0	4.3	4.3	4.3	4.0	4.4	4.0	6.4	4.4	6.4	4.3	5.0	5.0	4.3	5.0	3.9	5.0				2.0	2.6	2.0	2.0	5.7		2.0	2.1	2.0	2.5	2.1	2.0	2.1	5.7		2.1	4.9		6.	2.6
INERTIA	162.2	7.761	11.30	181.8	128.1	158.5	186.5	189.9	195.4	170.1	203.8	173.3	266.7	212.3	278.7	216.4	285.7	290.2	224.7	298.7	189.1	310.8	322.3	322.8	329.6	342.3	435.1	229.2	365.7	468.6	478.7	383.8	496.1	399.8	521.1	2.625	419.2	555.7	519.5	587.9	608.9	451.6	612.3	472.9	638.3
5											43.2	43.1	62.9	46.0	45.6	48.6	48.2	48.3	51.7	51.4	51.0	54.6	56.1	57.8	60.0	2.49	63.9	67.5	71.7	71.2	8.42	29.62	19.0	1.67	86.8	2.78	88.3	36.2	105.0	105.4	104.5	104.9	115.3	105.5	115.3
ZPL	27.	10.72	2000	31.2	24.7	28.3	31.4	31.7	32.0	28.9	32.4	29.0	40.1	32.9	40.8	33.0	41.1	41.5	33.5	41.9	29.8	45.5	43.3	43.2	43.4	44.0	53.5		45.2	55.5	92.6	45.9	26.5	48.2	57.5	26.0	0.64	29.0		4.09	63.3	50.1	•	52.8	9.49
1	4 2 60	10.00	10.01	14.40	14.65	14.76	14.88	15.00	15.61	16.20	16.32	16.80	16.92	17.05	17.53	17.64	18.01	18.12		-	-	19.45	•	20.16	~	21.60	22.33	22.04	23.29	23.77	24.36	24.96	25.21	26.40	26.65	56.86	28.32	28.57	30.24	30.49	31.93	32.16	32.41	33.85	34.08
SIZE	1928T	1670	15000	1679.	.688T	.750T	.5637	.688T	.625T	.750T	.688T	.688T	. 563T	1057.	.6251	•	•	•	•	.625T	.750T	.688T		.750T					1878	.750T	.688T	1578.	.750T	T-000T		16/9.	1.0001	1679	.8751	1000-1	1621-1	1.000	1.0001	1521	14211
	w		1000	.438/	.438/	.438/	.438/	.438/	.438/	.438/	438/	438/	2007	.438/	.500/	.438/	1005.	1005.	1984.	2005.	.438/	.5007	.500/	2005.	-5007	.5007	.563/	10000	5007	.563/	.563/	.500/	.563/	.563/1.	.563/	.563/	.563/1.0	.563/	. 563/	.563/1.000	.625/	. 563/1.000	. 563/	.629	. 625/
NOMINAL	X	2							10x 6x						SX	×													X X	×	×	×	14x 7x	×	× :	×	× :	×	×6	× 1	×	10x	×	X	×

MILE SECTION ADDICAS  MILE 2	.686/1.0007 .625/1.1257 .686/1.0007 .686/1.2507 .686/1.2507	WT/FT	ZPL		THEBTT	٥	5			THICK	35	5 '	
34.56 11.2 11.6 14.6 14.9 6.3 10.4 7.0 18.0 17.0 1.680 7.0 1.1250 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.	.606/1.000T .606/1.100T .606/1.125T .606/1.000T .606/1.000T		747							HICK	2071		c
34.55         78.4         115.9         66.5         6.3         10.4         7.0         17.00         6.5         10.0         11.0         6.0         10.0         11.0         6.0         10.0         11.0         6.0         10.0         11.0         6.0         10.0         17.0         6.0         10.0         17.0         6.0         10.0         17.0         6.0         10.0         17.0         6.0         10.0         17.0         6.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0 <td>.666/1.0007 .625/1.1257 .686/1.0007 .686/1.2507 .686/1.0007</td> <td>1</td> <td>1</td> <td></td> <td>MERIT</td> <td>Ľ</td> <td>1</td> <td></td> <td>AKER</td> <td></td> <td>1</td> <td>HICK</td> <td>×</td>	.666/1.0007 .625/1.1257 .686/1.0007 .686/1.2507 .686/1.0007	1	1		MERIT	Ľ	1		AKER		1	HICK	×
36,00         53,4         111,4         64,9         64,2         64,7         19,7         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         60,0         17,10         17,10         60,0         17,10         60,0         17,10         17,10         17,10         17,10         17,10         17,10         17,10         17,10         17,10         17,10         17,10	.625/1.1257 .688/1.0007 .688/1.2507 .688/1.0007	34.56	78.0	115.9		6.3	10.4	-	18.00	. 688	7.00	1.000	
36,48         79,5         13,7         10,67         6,4         10,7         17,7         17,00         6,4         10,9         6,4         10,9         6,4         10,0         17,00         6,60         17,00         60,0         17,0         6,60         17,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0         10,0 <t< td=""><td>.686/1.000T .686/1.250T .686/1.000T .750/ .875F</td><td>36.00</td><td>53.4</td><td>114.6</td><td></td><td>4.8</td><td>9.5</td><td>m</td><td>18.75</td><td>• 625</td><td>10.00</td><td>1.125</td><td>8.40</td></t<>	.686/1.000T .686/1.250T .686/1.000T .750/ .875F	36.00	53.4	114.6		4.8	9.5	m	18.75	• 625	10.00	1.125	8.40
37.92         61.4         133.4         60.7         6.4         19.7         6.6         7.0         6.7         19.7         6.9         1.0         6.0         17.2         6.0         17.2         6.0         17.2         6.0         17.2         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0         1.0         6.0	.688/1.250T .688/1.000T .750/ .875T	36.48	19.5	127.1		6.3	10.7	~	19.00	.688	00.0	1.000	11.91
38,40 00.8 138,4 1083,2 6.3 11.3 6,4 20.01 17.01 6.68 9.00 1.0.075 0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	.7507 .8751	37.92	81.4	133.4		4.9	10.9		19.75	.688	7.00	1.250	12.08
9.3         56         9.6         11.3         7.9         20.5         16.6         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2         6.0         11.2	.7507 .875T	38.40	80.8	138.4		6.3	10.9		20.00	.688	9.00	1.000	11.91
40.09         65.5         13.7.1         717.7         5.6         10.3         5.2         20.08         15.25         .68         99.00         11.25           40.09         65.5         14.6         7.6         22.10         17.13         .68         10.00         11.25           41.05         92.6         14.6         7.6         21.50         19.00         .750         9.00         11.25           41.20         90.4         14.5         6.9         14.6         7.6         21.30         17.13         .68         11.00         17.00         9.00         11.25           44.12         90.4         10.6         7.6         21.30         17.13         .68         11.00         17.00         9.00         11.12           44.12         90.4         10.0         7.7         10.0         7.70         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00         11.12         9.00<		39.36	0.96	137.7		6.9	11.3	•	20.50	.750	8.00	.875	14.39
40.32 81.9 144.5 916.3 6.3 11.2 6.1 21.0 17.0 .666 10.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	.688/1.2501	60.04	69.5	137.1		9.6	10.3	~	20.88	.688	9.00	1.250	10.71
40.57         62.5         149.6         92.7.3         6.3         11.6         7.6         21.3         16.08         9.0         11.2         6.9         11.6         7.6         21.3         6.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	.668/1.000T	40.32	81.9	149.5		6.3	11.2	_	21.00	.688	10-00	1.000	11.91
41.05         97.7         149.0         1132.6         6.9         11.6         7.6         21.3         16.0         7.7         9.0         0.00         1.00         4.2         4.2         4.2         3.4         1.4         6.9         11.6         7.6         21.3         1.6         0.0         1.0         0.0         1.0         0.0         1.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	.688/1.125T	40.57	82.5	149.4		6.3	11.2	~	21.13	.688	9.00	1.125	12.00
41.20         99.4         149.4         1149.6         6.9         11.6         7.7         22.6         19.10         .750         6.0         11.0         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         1.10         <	7507 -875T	61.05	97.7	169.0		6.9	11.6		21.38	.750	9.00	878	14.39
44.5         64.6         17.8         64.6         17.8         66.2         11.5         5.7         22.6         17.13         .688         10.8         11.8           44.6         17.8         17.8         17.8         17.13         .688         10.8         11.8           47.7         11.8         11.8         12.5         12.6         17.2         17.13         .688         10.8           47.7         11.8         11.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8         12.8 </td <td>750/11 000T</td> <td>41.28</td> <td>4. 40</td> <td>143.4</td> <td></td> <td>9</td> <td></td> <td></td> <td>24 . 60</td> <td>750</td> <td></td> <td></td> <td></td>	750/11 000T	41.28	4. 40	143.4		9			24 . 60	750			
45.37         102.4         17.5         12.5         11.7         57.7         23.5         17.13         680         11.80         11.25           45.37         102.4         17.6         12.5         17.7         22.5         31.913         750         11.80         11.25           47.52         102.4         17.6         12.5         17.0         22.5         31.913         750         9.00         11.25           47.52         104.4         107.5         1141.7         77.0         22.5         19.13         750         9.00         12.25           49.62         105.2         12.6         6.9         12.6         6.7         22.6         19.13         750         9.00         12.25           51.84         105.2         105.2         10.2         10.2         750         10.00         12.25           51.84         105.4         10.2         10.2         10.2         10.2         10.00         10.25           51.84         10.6         10.2         10.2         10.2         10.00         10.25         10.00         10.25           51.84         10.6         10.2         10.2         10.2         10.25         10.00	1967 1961	12 23							20 20				
47.37         10.00         11.7         7.7         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11	1631.170000	21.24	0000	0.101		200			62.53	000	•	10167	75.
47.57         10.55         17.6         12.5         17.2         23.6         19.13         750         9.00         1.010           47.57         113.6         113.6         6.9         12.6         7.0         24.7         19.13         750         9.00         1.02           47.52         104.4         107.2         131.7         7.0         12.6         6.9         12.6         6.9         12.6         6.9         12.6         7.0         14.7         19.13         750         11.00         1.250           94.92         105.2         13.6         6.9         13.0         6.4         27.0         19.25         750         19.00         1.250           51.84         106.4         27.2         10.0         19.25         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250         750         11.00         1.250	1671-17909		0.00	173.0		7.0	11.		23.50			1.125	16.00
47.04         103.0         107.1         1203.3         6.9         12.5         6.9         24.50         19.25         750         11.00         1.20           49.62         106.4         107.5         131.6         7.0         12.6         6.7         26.0         19.25         750         11.00         1.250           49.92         105.9         202.5         136.6         6.9         12.0         6.7         26.0         19.25         750         11.00         1.250           59.92         105.4         207.6         136.7         6.9         12.0         6.9         27.25         13.7         6.9         12.0         12.25         750         10.0         12.25         750         10.0         12.25         750         10.0         10.25         750         10.0         10.25         750         10.0         10.25         750         10.0         10.25         750         10.25         750         10.0         10.25         750         10.0         10.25         750         10.0         10.0         10.0         10.0         10.25         10.0         10.25         10.0         10.0         10.0         10.0         10.0         10.0         10.0	.750/1-125T	45.37	102.4	174.8		7.0	12.3	~	23.63	.750	0	1.125	14.50
47.52         106.4         107.5         1311.7         7.0         12.6         7.0         24.75         19.25         750         9.00         1.25           49.69         105.2         200.2         136.6         6.9         12.0         6.7         25.00         19.13         750         11.00         11.25           51.64         105.2         200.2         136.6         6.9         13.0         6.6         27.00         19.13         750         11.00         11.25           51.64         107.2         217.6         13.0         6.9         13.0         6.6         27.0         10.25         10.25         10.00         11.12           56.16         117.4         216.2         157.6         6.9         12.0         6.6         27.0         10.0         10.12         6.7         9.00         11.12           56.16         117.4         216.2         157.6         6.9         12.0         10.0         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1         10.1	.750/1.000T	47.04	103.0	187.1		6.9	12.5	•	24.50	.750	0	1.000	14.4
49.69         115.2         212.2         1345.6         6.9         12.8         6.7         25.8         19.13         750         11.80         1.25           49.69         116.4         6.9         12.8         6.7         26.0         19.25         750         11.80         11.25           51.34         21.6         13.1         6.9         13.1         6.9         27.2         19.25         750         11.80         11.20           52.32         107.2         217.6         1405.1         6.9         13.1         6.9         27.2         19.25         750         11.80         11.25           56.39         142.6         216.2         150.1         13.7         6.9         22.2         13.7         6.9         12.8         7.9         14.8         14.8         10.8         10.8         11.8         11.8         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2         11.2 <t< td=""><td>.750/1.250F</td><td>47.52</td><td>104.4</td><td>187.5</td><td></td><td>7.0</td><td>12.6</td><td>-</td><td>24.75</td><td>.750</td><td>0</td><td>1.250</td><td>14.67</td></t<>	.750/1.250F	47.52	104.4	187.5		7.0	12.6	-	24.75	.750	0	1.250	14.67
99.92         105.9         212.5         1360.4         6.9         12.0         6.7         26.0         19.25         .750         10.00         1.25           51.84         106.4         215.6         1360.4         6.9         13.0         6.4         27.0         19.25         .750         11.0         10.25         55.0         10.25         55.0         10.25         10.25         55.1         10.25         56.1         10.25         55.1         10.25         9.0         11.25         56.1         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25         9.0         11.25 <td>.750/1.125T</td> <td>69.64</td> <td>105.2</td> <td>202.2</td> <td></td> <td>6.9</td> <td>12.8</td> <td>_</td> <td>25.88</td> <td>.750</td> <td></td> <td>1.125</td> <td>14.58</td>	.750/1.125T	69.64	105.2	202.2		6.9	12.8	_	25.88	.750		1.125	14.58
51.64         106.4         215.9         1365.9         6.9         13.0         6.4         27.0         19.13         .750         12.0         13.1         6.5         27.2         1405.1         1605.1         16.9         17.2         140.2         17.6         191.2         7.9         13.1         6.5         27.2         19.2         27.5         19.0         19.2         7.9         19.2         7.0         29.2         5         19.0         19.2         7.9         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2         7.0         19.2	.750/1.250T	49.92	105.9	202.5		6.9	12.8		26.00	.750	0	1.250	14.67
52.32         107.2         217.6         1405.1         6.9         13.1         6.5         27.25         19.25         .750         11.00         1.259         .750         11.25         .750         11.25         .750         11.25         .750         11.25         .750         11.25         .750         11.25         .750         11.25         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750         .750 <td>.750/1.125T</td> <td>51.84</td> <td>106.4</td> <td>215.9</td> <td></td> <td>6.9</td> <td>13.0</td> <td></td> <td>27.00</td> <td>.750</td> <td>0</td> <td>1.125</td> <td>14.50</td>	.750/1.125T	51.84	106.4	215.9		6.9	13.0		27.00	.750	0	1.125	14.50
54,72         140,2         216,8         1916,2         7.9         13.7         6.6         20,25         19.50         .075         9.00         1.125           56,16         117.4         216,2         1507.6         6.9         12.6         7.0         29.25         19.50         .075         9.00         1.125           56,16         117.4         216,2         1507.8         6.9         12.6         7.0         29.25         19.50         .075         9.00         1.125           59.04         146.7         226.3         7.9         14.2         6.2         30.75         22.13         .075         11.00         1.125           59.04         146.7         226.3         7.9         14.5         6.0         31.00         22.13         .075         11.00         1.125           61.21         146.5         26.0         14.5         6.0         31.00         22.13         .075         12.00         1.125           61.69         146.5         26.0         14.6         6.1         31.00         22.5         10.00         1.125           61.69         15.0         14.6         6.1         31.00         22.5         10.00         1.1	.750/1.250T	52.32	107.2	217.6		6.9	13.1		27.25	.750		1.250	14-67
56.16         117.4         216.2         1507.6         6.9         12.6         7.0         29.2         19.2         19.0         11.2         56.89         14.0         8.5         29.6         22.13         .875         9.00         1.25         59.0         14.2         6.9         18.2         29.6         22.13         .875         10.0         11.25         59.0         14.2         6.4         30.75         22.13         .875         10.0         11.25         61.21         14.2         6.4         30.75         22.13         .875         10.0         11.25         61.21         14.5         6.6         31.80         22.13         .875         11.0         11.25         61.25         11.25         61.25         11.25         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         12.2         14.2         12.2	.875/1-125F	54.72	140.2	218.8		6.2	13.7		28.50	.875		1.125	19.64
56.89         142.6         234.9         1991.2         7.9         14.3         6.4         30.75         22.13         .075         10.00         1.375           59.04         145.9         247.7         7.9         14.3         6.4         30.75         22.13         .075         11.00         1.375           59.04         144.7         256.9         2163.3         7.9         14.2         6.2         31.80         22.51         .075         11.00         1.375           61.21         146.5         267.1         2162.7         7.9         14.5         8.0         31.80         22.51         .075         11.00         1.125           64.09         146.2         267.0         2162.7         7.9         14.6         8.1         32.13         .075         10.00         1.125           64.00         150.7         266.9         7.9         14.6         8.1         32.13         .075         10.00         1.375           64.00         150.7         267.0         267.3         7.9         14.6         8.1         32.13         .075         11.00         1.375           66.00         150.7         16.0         27.3         26.5 <td< td=""><td>.875/1.500T</td><td>56.16</td><td>117.4</td><td>216.2</td><td></td><td>6.9</td><td>12.8</td><td></td><td>29.25</td><td>.875</td><td></td><td>1.500</td><td>17.34</td></td<>	.875/1.500T	56.16	117.4	216.2		6.9	12.8		29.25	.875		1.500	17.34
59.04         145.9         247.7         2083.7         7.9         14.2         0.2         30.75         22.13         .075         11.00         1.25           59.04         144.7         250.9         2059.3         7.9         14.5         0.2         30.75         22.13         .075         11.00         1.25           61.21         144.7         250.9         7.9         14.5         0.3         31.00         22.5         0.75         11.00         1.125           61.61         146.5         261.9         2162.7         7.9         14.6         0.3         31.00         22.5         0.75         11.00         1.500           64.03         150.3         265.3         7.9         14.9         7.9         33.50         22.5         0.75         11.00         1.500           64.03         150.3         265.3         7.9         14.9         7.9         33.50         22.5         0.75         11.00         1.500           66.07         150.3         265.6         7.9         14.9         7.9         33.50         22.5         0.75         11.00         1.25           66.07         150.3         260.3         260.3         260.3	.875/1.1257	56.89	142.6	234.9		7.9	14.0		29.63	.875	0	1.125	19.64
59.04         144.7         250.9         2059.3         7.9         14.2         6.2         31.86         22.13         .675         11.00         1.125           61.21         146.5         261.9         2161.5         8.0         31.86         22.13         .675         12.00         1.125           61.21         146.5         261.9         2161.5         7.9         14.6         8.3         31.86         22.5         .675         10.00         1.125           64.09         150.7         2285.3         7.9         14.6         8.3         13.2         10.00         1.500           64.09         150.7         2285.3         7.9         14.6         8.3         22.5         8.75         10.00         1.500           64.07         150.7         2285.3         7.9         14.6         7.6         33.50         22.5         10.00         1.500           66.97         150.8         2285.3         7.9         14.6         7.8         33.5         22.5         10.00         1.250           66.9         6.0         150.0         150.0         150.0         10.00         1.250         10.00         1.250           66.9         1	.875/1.3751	59.04	145.9	247.7		7.9	;		30.75	.875		1.375	19.86
61.21 146.5 267.1 2123.3 7.9 14.5 8.0 31.86 22.13 .875 12.00 1.125 61.21 146.5 267.0 2161.5 8.0 14.6 8.3 31.86 22.5 6 .875 10.00 1.500 64.6 64.6 19.6 19.2 15.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	.875/1.125F	\$0.65	144.7	250.9		7.9	;	~	30.75	.875	0	1.125	19.64
61.21 148.5 261.9 2161.5 8.0 14.6 8.3 31.88 22.50 .875 9.00 1.500 61.61.61 148.5 267.0 2162.7 7.9 14.6 8.1 32.13 22.38 .875 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.375 10.00 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.375 10.00 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.300 1.	.875/1.125T	61.21	146.5	267.1		7.9	;	-	31.88	.875		1.125	19.64
64.69 146.2 267.8 2243.1 7.9 14.6 8.1 32.13 22.36 .875 10.00 1.375 64.09 150.7 282.6 2243.1 7.9 14.9 7.9 33.38 22.50 .875 10.00 1.500 1.500 64.32 150.3 286.0 2235.3 7.9 14.9 7.8 33.50 22.50 .875 11.00 1.500 1.500 65.37 152.8 303.1 2317.3 7.9 14.9 7.8 33.50 22.50 .875 11.00 1.575 1500 1.575 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1.576 1500 1	.875/1.500T	61.21	148.5	261.9		8.0	14.6	-	31.88	.875	0	1.500	19.96
64.32 150.7 202.8 2243.1 7.9 14.9 7.9 33.36 22.50 .075 10.00 1.500 64.32 150.3 206.0 2235.3 7.9 14.9 7.0 33.50 22.36 .075 11.00 1.575 66.97 152.8 303.1 2237.3 7.9 14.9 7.0 33.50 22.30 .075 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.575 11.00 1.5	.875/1.375F	61.69	148.2	267.0		7.9	14.6	-	32.13	.875	0	1.375	19.86
64.32 150.3 286.0 2235.3 7.9 14.9 7.8 33.50 22.36 .875 11.00 1.375 65.48 189.8 22.56 313.1 2317.3 7.9 14.9 7.8 33.50 22.51 .875 11.00 1.576 65.97 152.6 313.1 2317.3 7.9 15.2 7.6 34.86 22.51 .875 11.00 1.500 1.375 69.85 192.8 386.8 2365.6 7.8 15.4 7.3 36.25 22.38 .875 13.00 1.375 69.85 154.6 323.7 2386.5 7.8 15.4 7.4 36.38 22.38 .875 12.00 1.375 72.01 195.5 325.2 3106.4 8.8 15.6 7.8 15.6 22.38 .875 12.00 1.580 72.7 12.25 155.2 342.2 2423.5 7.8 15.6 7.1 37.63 22.38 .875 14.00 12.00 1.375 72.7 13.6 24.8 15.2 343.6 24.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.6 7.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 15.0 1.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8		60.49	150.7	282.8		1.9	14.9	-	33.38	.875	0	1.560	19.96
66.97 152.8 303.1 2317.3 7.9 15.2 7.6 34.86 22.50 .875 11.00 1.500 67.68 109.8 288.8 2913.9 8.8 15.4 10.1 35.25 25.13 1.000 1.125 69.85 192.8 306.9 3012.7 8.8 15.4 10.1 35.25 25.13 1.000 11.000 1.325 69.85 192.8 306.9 3012.7 8.8 15.4 7.4 36.36 25.13 1.000 11.00 1.325 69.85 192.6 323.7 2386.5 7.9 15.4 7.4 36.36 25.13 1.000 12.00 1.325 72.00 195.5 325.2 3106.4 8.8 15.9 9.6 37.50 25.13 1.000 12.00 1.225 72.25 155.2 342.2 2423.5 7.8 15.6 7.1 37.8 22.38 .875 14.00 12.00 1.325 72.7 155.2 342.2 342.5 3158.0 8.9 16.0 9.7 37.8 25.38 1.000 12.00 1.375 72.7 72.7 72.0 343.5 3273.3 8.9 16.3 9.5 39.0 25.5 1.000 10.0 10.0 1.500 75.1 320.5 342.2 3255.9 8.9 16.3 9.5 39.0 25.5 1.000 10.0 10.0 1.500 75.1 326.9 8.9 16.3 9.4 39.13 25.36 1.000 11.00 11.00 1.375 75.1 157.7 353.7 2519.0 7.8 15.9 6.9 39.38 22.5 1.000 11.00 11.00 1.375 77.5 201.0 383.4 2553.9 7.7 16.1 6.7 40.50 25.5 1.000 10.00 1.750 77.5 207.4 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 378.7 3		64.32	150.3	286.0		7.9	14.9		33.50	.875	0	1.375	19.06
67.66 189.8 288.6 2913.9 8.8 15.4 10.1 35.25 25.13 1.000 10.00 1.125 69.60 153.7 323.9 2365.6 7.6 15.4 7.3 36.25 22.38 .875 13.00 1.375 13.5 13.00 1.375 13.5 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 1.375 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.0		26.99	152.8	303.1		7.9	15.2		34.88	.875	0	1.500	19.96
69.64 153.7 323.9 2365.6 7.6 15.4 7.3 36.25 22.36 .875 13.00 1.375 69.65 192.6 316.9 312.7 8.6 15.6 9.6 36.36 25.13 1.010 11.00 1.125 69.85 192.6 316.9 312.7 8.6 15.6 9.6 36.36 22.51 3.010 11.00 11.25 12.00 195.5 323.7 2386.5 7.9 15.4 7.4 36.36 22.51 .875 12.00 1.500 1.250 72.2 195.5 325.2 3406.4 8.6 15.9 9.6 37.50 25.13 1.010 12.00 1.250 1.255 72.45 195.5 325.2 343.6 2449.6 7.6 15.7 7.1 37.6 22.36 1.013 10.00 1.375 72.7 156.2 343.6 2449.6 7.6 15.7 7.1 37.8 22.50 1.010 10.00 1.500 7.5.13 200.5 347.2 3255.9 8.9 16.3 9.5 39.00 25.50 1.010 10.00 1.500 7.5.13 200.5 347.2 3259.9 8.9 16.3 9.5 39.00 25.50 1.010 11.00 1.500 7.50 15.6 9.2 40.50 25.50 1.010 11.00 1.500 7.50 15.6 9.2 40.50 25.50 1.010 11.00 1.500 7.50 15.6 9.2 40.50 25.50 1.010 11.00 1.500 7.50 7.5 15.5 15.5 15.5 15.5 15.5 15.5 15.5		67.68	189.8	288.8		8.8	15.4	_	35.25	1.000	0	1.125	25.44
69.85 192.8 316.9 3012.7 8.8 15.6 9.8 36.38 25.13 1.000 11.00 1.125 15.38 154.6 323.7 2386.5 7.9 15.4 7.4 36.38 22.51 1.000 11.200 1.125 12.30 19.55 325.2 3106.4 8.8 15.9 9.6 37.51 225.13 1.000 1.2.00 1.125 72.25 155.2 342.2 2423.5 7.8 15.6 7.1 37.53 22.38 .875 14.00 1.225 72.4 197.5 325.3 342.0 2449.8 7.8 15.7 7.1 37.8 22.5 1.00 1.00 1.375 72.73 156.2 343.6 2449.8 7.8 15.7 7.1 37.8 22.50 .875 13.00 1.500 7.5.13 200.5 347.2 3255.9 8.9 16.3 9.5 39.00 25.50 1.000 10.00 1.500 75.13 200.5 347.2 3255.9 8.9 16.3 9.5 39.00 25.50 1.000 10.00 1.500 75.1 15.7 353.7 2519.0 7.8 15.9 6.9 39.13 25.38 1.001 11.00 11.500 75.50 1.500 75.50 1.500 1.500 75.50 1.500 1.500 1.500 75.50 1.500 1.500 1.500 75.50 1.500 1.500 1.500 75.50 1.500 1.500 1.500 1.500 75.50 1.500 1.500 1.500 1.500 75.50 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500		69.60	153.7	323.9		7.8	15.4	-	36.25	.875	0	1.375	19.86
69.85         154.6         323.7         2386.5         7.9         15.4         7.4         36.38         22.50         .875         12.00         1.590           72.00         195.5         325.2         3416.4         8.8         15.9         9.6         37.50         25.13         1.000         12.00         1.25           72.48         197.2         325.5         3150.0         0.9         15.7         25.36         1.013         10.00         1.375           72.43         156.2         343.6         2449.8         7.8         15.7         7.1         37.5         25.36         1.013         10.00         1.375           72.73         156.2         343.6         275.3         16.3         9.5         39.00         25.50         1.010         1.000         1.500           75.13         200.5         347.2         3255.9         8.9         16.3         9.6         39.13         25.50         1.010         1.000         1.500           75.6         157.7         353.7         2519.0         7.8         15.9         6.9         39.3         25.50         1.010         11.00         1.500           75.4         155.0         15.9		69.85	192.8	306.9		8.8	15.6	_	36.38	1.000	0	1.125	25.44
72.00 195.5 325.2 3106.4 8.6 15.9 9.6 37.50 25.13 1.000 12.00 1.125 72.25 155.2 342.2 2423.5 7.6 15.6 7.1 37.63 22.36 .875 14.00 1.375 72.46 197.5 325.5 3156.0 8.9 16.0 9.7 37.63 22.36 .875 14.00 1.375 72.73 156.2 343.6 2449.8 7.8 15.3 9.5 39.00 25.50 .875 13.00 1.500 74.88 201.0 343.5 3273.3 8.9 16.3 9.5 39.00 25.50 1.000 10.80 1.500 75.13 200.5 347.2 3265.9 8.9 16.3 9.4 39.13 25.50 1.000 10.80 1.500 75.61 157.7 363.7 2509.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 11.500 77.76 204.0 367.1 3384.9 8.9 16.6 9.2 40.50 22.50 .875 14.00 1.500 77.49 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.50 .875 15.00 1.500		69.85	154.6	323.7		7.9	15.4		36.38	.875	0	1.500	19.96
72.25 155.2 342.2 2423.5 7.6 15.6 7.1 37.63 22.36 .875 14.00 1.375 72.48 197.5 325.5 3158.0 8.9 16.0 9.7 37.75 25.36 1.073 10.00 1.375 72.48 197.5 325.5 3158.0 8.9 16.0 9.7 37.75 25.36 1.073 10.00 1.500 74.88 201.0 343.5 2273.3 8.9 16.3 9.5 39.00 25.50 1.000 10.80 1.500 75.13 201.5 347.2 3255.9 8.9 16.3 9.4 39.13 25.30 1.000 10.80 1.500 75.61 157.7 353.7 2519.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 1.500 77.5 201.0 15.00 1.500 77.5 201.5 25.50 1.000 1.000 1.500 77.5 201.5 25.50 1.000 1.000 1.500 77.5 201.5 383.4 2553.9 7.7 16.1 6.7 40.80 25.50 .875 15.00 1.500 77.5 201.5 27.7 383.4 2553.9 7.7 16.1 8.7 40.50 25.75 1.000 10.00 1.500 77.5 201.5 201.5 25.75 1.000 10.00 1.500 77.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 201.5 2		72.00	195.5	355.2		8.8	15.9		37.50	1.000	0	1.125	25.44
72.48 197.5 325.5 3158.0 8.9 16.0 9.7 37.75 25.36 1.013 10.00 1.375 72.73 156.2 343.6 2449.8 7.8 15.7 7.1 37.88 22.50 .875 13.00 1.500 72.73 156.2 343.5 3273.3 8.9 16.3 9.5 39.00 25.50 1.000 10.80 1.500 75.13 200.5 347.2 3255.9 8.9 16.3 9.4 39.13 25.38 1.000 11.00 1.500 75.61 157.7 2509.0 7.8 15.9 6.9 39.18 25.50 .875 14.00 1.500 77.76 204.0 357.1 3384.9 8.9 16.6 9.2 41.50 25.50 1.000 11.00 1.500 76.49 159.8 22.50 .875 15.00 10.00 1.500 79.68 207.4 375.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		72.25	155.2	345.2		7.8	15.6	-	37.63	.875	0	1.375	19.86
72.73 156.2 343.6 2449.8 7.8 15.7 7.1 37.88 22.50 .875 13.00 1.500 7.500 7.4 38 22.51 343.6 22.50 .875 13.00 1.500 7.500 7.4 38 273.3 8.9 16.3 9.5 39.00 25.51 1.000 10.80 1.500 7.5 13.00 7.5 15.3 39.4 39.13 25.38 1.000 11.00 1.375 75.61 157.7 353.7 2519.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 1.500 7.8 15.0 9.2 40.50 25.50 1.000 11.00 1.500 78.49 159.0 383.4 2553.9 7.7 16.8 9.2 40.50 25.50 .875 15.00 10.00 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		72.48	197.5	325.5		6.9	16.0	-	37.75	1.003	0	1.375	25.69
74.88 201.0 343.5 3273.3 8.9 16.3 9.5 39.00 25.50 1.000 10.00 1.500 75.13 200.5 347.2 3265.9 8.9 16.3 9.4 39.13 25.38 1.000 11.00 11.375 75.61 157.7 363.7 2519.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 11.500 7.500 7.50 10.500 25.50 1.000 11.00 11.500 75.41 15.5 204.0 367.1 3384.9 8.9 16.6 9.2 40.50 25.50 1.000 11.00 11.500 75.49 159.0 159.0 25.50 .875 15.00 1.500 75.60 1.500 1.500 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		72.73	156.2	343.6		7.8	15.7	_	37.88	.875		1.500	19.96
75.13 200.5 347.2 3265.9 8.9 16.3 9.4 39.13 25.38 1.000 11.00 1.375 75.61 157.7 363.7 2519.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 1.500 77.6 20.4.0 357.1 3384.9 8.9 16.6 9.2 40.50 25.50 1.000 1.000 1.500 77.4 2553.4 2563.9 7.7 16.1 6.7 40.88 22.50 .875 15.00 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.500		74.88	201.0	343.5		6.9	16.3		39.00	1.000		1.500	25.81
75.61 157.7 363.7 2509.0 7.8 15.9 6.9 39.38 22.50 .875 14.00 1.500 77.76 204.0 367.1 3384.9 8.9 16.6 9.2 40.50 25.50 1.000 11.00 1.500 78.49 159.0 383.4 2563.9 7.7 16.1 6.7 40.88 22.50 .875 15.00 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		75.13	2002	347.2		8.9	16.3		39.13	1.000	0	1.375	25.69
77.76 204.0 367.1 3384.9 8.9 16.6 9.2 40.50 25.50 1.000 11.00 1.500 78.49 159.0 383.4 2563.9 7.7 16.1 6.7 40.88 22.50 .875 15.00 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		75.61	157.7	363.7		7.8	15.9	•	39.38	.875	0	1.500	19.96
78.49 159.0 383.4 2563.9 7.7 16.1 6.7 40.88 22.50 .875 15.00 1.500 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		17.76	204.0	367.1		8.9	16.6		40.50	1.000	0	1.500	25.81
1.000/1.7507 79.68 207.4 378.7 3493.1 8.9 16.8 9.2 41.50 25.75 1.000 10.00 1.750		18.49	159.0	383.4		7.7	16.1		40.88	.875		1.500	19.96
	1.000/1.750T	19.68	207.4	378.7		8.9	16.8	•	41.50	1.000		1.750	26.06

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	SHEAR	REA	**	99.	69.	.86	.87	69.	.87	.93	-95	1.18	1.41	1.20	1.43	1.66		1.68	1.70	1.68	1.70	1.83	245	2.14	2.44	.16	94.	11.	1.47	94.	3.29	14.	3.32	100	***	23	2.47	1.71	1.34	8.69	1.37	3.71	1.34	1.74	3.71	.75
:				20	13	20	13	13	13	22	38				375															_	_	•	_				. M				5		m	52	63	00
****	INGE	THICK	7.	.2.	.3	.2				.3	*	.375	.3	4		*	1	.375	*		3.	.5		.5	4.	.5	.50	.5	.5	.5	*	.56.	•	•	000		2	.5	.5	.5	.62	.5	.5	9.	.5	.5
•		WIOTH	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3-00	3.00	3.00	3.00	3.00	3-00	3-00	3.00	3.00	3.00	***	4-00	00.4	00-7	4.00	4.0	4.00	4.00	5.00					0	•		1	6.00	00 - 9		5.00			6.00	2.00	6.00	5.00
I DIMENSIONS		THICK	.125	.188	.186	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	250	250	.250	.250	.250	.250	.313	.313	.313	.313			.313	.313	.313	.375	.313	.375		175	175	313	.375	.375	.375	.375	.375	.375	.375	-	.438
*** BEAM		DEFTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38		4.38			5.38	6.31		6.38		6.38				6.50	7.44	9.56		6.50	7.56			•	8.50	* "	0.00		, 6	9.56	.5	9.50			8.56			10.50
****	-	AREA	.75	1.06	1.19	1.25		1.50	1.69	1.88	2.06	7		2.31	2.38	2.46	2.56	9		-	2	3.56	9		6		4.19	4.38	* * * *	•	-			- "		2	5.56	5.63			-	-		.5	-	6.68
		4	2.8	2.7	2.7	3.5			3.2	5.5	4.2					1			4.2			3.3	4.6		4.5	3.7		3.6	4.3								3.7							.9		2.6
		4 b		6.	6.	1:1	1.2	1:1	1.5	1.3				1.7	2.0	2.2	2.1	2.4	5.5	2.7	2.8	2.6	3.1	3.0	3.3		3.5			3.8	3.8	3.9	•		1 4			9.9			4.6		4.7		2.5	
		~	1:1	1.2	1.3	1.6	1.7	1.4	1.8	1.5	1.5		2.2		2.3			2.7	2.8	2.8		2.4	3.1	2.8		5.9			3.3		3.5	3.3					3.6	6.0	3.7	4.0	3.7	4.1	3.7		4.1	4.3
		INERTIA		9.6			11.7			6.6	11.0	17.2	24.1	18.8		L	0		2	3		-	N			~	2	59.5	77.7		2	85.9	98.4	110.0	10401	1001	92.9	133.1	114.9	138.5	121.1	146.4	124.3	154.0	158.1	
	MODOLUS						3.4	3.4	9.4	0.4	4.5	5.6	4.9	6.2	7.2	7.9	8.0	6.6	6.6	11.0	12.3	11.4	13.8	14.0	15.2	15.3	16.7	16.7	18.2	19.8	18.6	:		:.	0.17		54.9	25.5	25.6	27.2	57.6	6	5.62	:	33.7	-
	SECTION	ZPL	6.3	9.9	7.0	9.1	9.5	7.5		7.8	8.0	10.5	12.8	10.8		15.6	13.6	16.0	16.5	16.7	17.1	14.6	20.0	17.7	20.5	18.0	50.9	18.2	21.3	21.5	•	21.9	24.8	25.3	2000	25.7	22.3	28.9	26.0	29.5		29.7	56.5	30.2		33.9
		HT/FT	1.44	0	2.28	*		2.88	3.24						15.4		0		3	-	2		-	3	7.56		9.04	8.41		•	9.12	•									11.77				•	
		32	.1881	.250T	.313T	.250T	.3131	. 31 31	.313T	.3751	.438T	.3751	.3137	4387	37.51	3131	438T	.3751	.438T	.3751	.438T	.500T	.375T	.500T	.438T	. 563T	.500T	.500T	. 563T	.500T	.4381	. 563F	.500T	1004.	. S. O. S.	6251	.5631	.563T	.563T	.500T	.625T	.5631	.563T	.625T	.563T	.500T
		NAL SI			.168/	.188/	.188/	.188/	- 1	. 2507	.2507	.250/	.250/	250/	250/	250/	250/	2507	250/			313/				31	3/	3/	31	3/			Dr.				.313/						.375/	.375/	.375/	-438/
		2																																							8x 5x					

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			SECTION	MODULUS	8						0	FLANGE	ANGE	SHEAR
NOMINAL	17	13/	791	761	THERT	•	4	4	AREA	DEPTH	THICK	H	THICK	AREA
6X .375	.62		30.8	36.2		4.1	5.4	9	7.13	9.63	.375	6-00	.625	3.74
•	. 56		34.6	;	187.8	4.4		.5	7.19	10.56	.438	-	.563	4.78
5x .438/		14.40	35.2	36.5	196.8	4.4	5.6		7.50	10.63	.438	-	.625	4.8
•	.68		28.1	;	139.9	3.7		7	7.63	8.69	.438	-	.688	3.9
•	.75		32.0	•	172.3	4.1			1.69	9.75	.438	-	.750	4.4
•	. 56		35.4		202.1	4.4	2.1	2	7.75	10.56	.438	-	.563	4.7
•	.68		35.8		205.7	4.4		~	7.81	10.69	.438	7	.688	4.8
•	.62		36.0	:	212.0	4.4		-	8.13	19.63	.438	٠.	.625	
•	.75		32.7	-	185.5	4.1	2.1	3	8.44	9.75	.438	-	.750	4 . 4
•	.68		36.6	44.4	221.3	4.4	6.1		8.50	10.69	.438	6-00	.688	4.8
•	.68		32.8	;	189.1	4.1	5.8		8.75	69.6	.438	:	.688	4.3
•	.5		44.6	;	286.4	5.0		.5	8.81	12.56	.500	5.00	.563	6.4
	.75		37.1	47.4	230.8	4.5		6	8.88	10.75	.438	6.00	.750	4:0
•	.62		45.4	9	299.4			3	9.13	12.63	.500	5.00	.625	6.4
•	660		37.2		235.5			1	9.19	10.69	.438	7.00	.688	4.8
.500	. 56		45.8	6	307.2			~	9.38	12.56	.500	6.00	.563	4-9
	. 58		46.2	1.64	312.0	5.1	6.8		9.46	12.69	200	5-00	.688	6.5
	75		37.7		244.8			4	2.63	10.75	438	7-00	150	4.8
•			4 5 7		224 7		•		75	12 62			626	1
	700		22.2		207	1	•	10	200	10.00	1		256	1
•				•	7 7 7 2 2									,
•					2000	1.0	::		21.01	10.03	2000			
			100	:	1000	1.0	20.		10.50	16.00		2000		
•			0.04		201.9	1.	2.7		10.50	12.75	. 200	00.0	. 750	
•	.68		40.0	2	355.4	5.1	4.		10.81	12.69	. 500	2.00	. 688	6.5
•	.15		49.0	299	369.4	5.1	1.5		11.25	12.75	.500	2.00	.750	6.5
6x .563/	1 -625T		6.85	2	464.8	2.1	6.2	-	11.63	14.63	.563	9	• 625	4.0
•	. 75		49.8	3.	388.5	5.1	1.8	~	12.00	12.75	.500	8-00	.750	6.5
•	.68		59.8	9	483.0	2.5	8.1	•	12.00	14.69	.563	9	.688	4.0
•	•		50.5	m	395.2	2.5	7.9		15.13	12.88	.500	7.00	.875	9.9
•	•		2.09	m	501.0	5.8	8.2		12.38	14.75	. 563	9-00	.750	8.5
•	•		61.1	9	512.1	2.8	4.6	~	15.69	14.69	.563	7.00	.688	4.0
•	•		51.0	-	415.4	5.1	8.1	-	13.00	15.88	.500	9-00	.875	9.9
•	•		62.0	-	531.0	2.8	9.6	.5	13.13	14.75	.563	7.00	.750	9.5
.•	:		53.3	2	430.9	5.1	8.1	*	13.75	13.00	.563	7.00	1.000	7.5
8x .563/	•		63.2	9	558.2	2.8	8.8		13.88	14.75	.563	8-00	.750	8.5
•			63.7	9	6.995	5.8	6.9	2	14.00	14.88	.563	7.00	.875	8.5
•	-		54.1	0	455.4	5.1	8.4		14.75	13.00	.563	8.00	1.000	7.5
•			64.8		6.565	5.8			14.88	14.88	.563	:	.875	8.5
•	•		65.7	07	622.0	5.8			15.75	14.88	.563	:	.875	8.5
	71.000T	30.49	66.3	108.4	630.9	5.8	9.6		15.88	15.00	.563	8.00	1.00	9.0
7x .6	25/11.1257		69.2	07	620.9	5.8		-	16.63	15.13	.625	-	1.125	9.6
0x .5	3/1.000T			80	488.5	9.0		.5	16.75	13.00	. 563	-	1.000	7.5
.56			67.2	18	697.9	5.8		2	16.88	15.00	.563	-	1.000	8.6
9x .62	5/1.1257			8	509.4	5.0		~	17.63	13.13	.625	-	1.125	9.4
8X . 62				18	683.0	5.8			17.75	15.13	.625	-	1.125	9.6
-	٠		•				۰					,		

0.3438 - 11/32 in.

.344 IN. PLATE (AREA= 2.72 SQ.IN.)

	SHEAR	AREA	25.72	25.84	19.99	26.09	25.72	25.84	25.72	26.09	25.84	25.84	26.09	32.31	32.31	32.45	26.09	32,31	32.45	26.09	32.73	32.45	32.73	33.01	32.73	33.01	39.80	39.80	40.12	40.12	40.43	40.43	48.25	48.60	48.60	48.60	57.14	57.14	57.52	57.52	
*******	NGE	THICK	1.375	1.500	1.500	1.750	1.375	1.500	1.375	1.750	1.500	1.500	1.750	1.375	1.375	1.500	1.750	1.375	1.500	1.750	1.750	1.500	1.750	2.000	1.750	2.000	1.500	1.500	1.750	1.750	2.000	2.000	1.750	2.000	2.000	2.000	1.750	1.750	2.000	2.000	
	FLA	HIDIM	13.00	12.00	16.00	11.00	14.00	13.00	15.00	12.00	14.00	15.00	13.00	12.00	13.00	12.00	14.00	14.00	13.00	15.00	12.00	15.00	13.00	12.00	14.00	13.00	15.00	16.00	14.00	17.00	15.00	16.00	17.00	15.00	16.00	17.00	16.00	17.00	15.00	16.00	
M DIMENSIONS	ME3	THICK	1.000	1.000	.875	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.125	1.125	1.125	1.000	1.125	1.125	1.000	1.125	1.125	1-125	1.125	1.125	1.125	1.250	1.250	1.250	1.250	1.250	1.250	1.375	1.375	1.375	1.375	1.500	1.500	1.500	1.500	
BEA		DEPTH	25.38	25.50	22.50	25.75	25.38	25.50	25.38	25.75	25.50	25.50	25.75	28.38	28.38	28.50	25.75	28.38	28.50	25.75	28.75	28.50	28.75	29.00	28.75	29.00	31.50	31.50	31.75	31.75	32.00	32.00	34.75	35.00	35.00	35.00	37.75	37.75	38.00	38.00	
******				42.00															89.64							56.38			62.00					75.38			05.00	83.75	00.49	00.98	
		4	9.6	9.1	6.7	9.1	8.8		8.6	8.8	8.6	8.3	8.5	10.9	10.6	10.7	8.2	10.4	10.4	0.0	10.4	9.6	10.1	10.1	9.8	9.7	11.5	11.3	11.4	10.6	10.8	10.5	12.2	12.4	12.1	11.6	14.1	13.8	14.0	13.7	
		YP	16.7	16.7	16.2	17.0	16.9	17.0	17.2	17.3	17.3	17.5	17.6	17.8	18.1	18.1	17.9	18.3	18.4	18.1	18.7	18.9	19.0	19.3	19.3	19.6	20.3	50.6	20.7	21.5	21.6	21.9	55.9	23.0	23.3	23.5	24.0	24.3	24.4	54.6	
		œ	9.0	9.0	7.8	9.0	9.0	9.0	8.9	9.0	8.9	8.9	9.0	6.6	6.6	10.0	8.9	6.6	10.0	8.9	10.0	6.6	10.0	10.0	6.6	10.0	10.9	10.9	10.9	10.9	10.9	10.9	11.9	11.9	11.9	11.9	12.9	12.9	15.9	15.9	
		INERTIA	3594.0	3621.2	2738.9	3747.3	3687.0	3723.7	3774.0	3061.4	3818.5	3908.1	3967.6	6.4684	5035.5	5070-2	4065.4	5167.4	5215.1	4158.5	5403.3	6.0845	5556.2	5715.2	9.6695	5874.6	7461.0	7630.8	7.0527	8287.6	8386.7	8572.7	11005.3	11125.2	11377.2	11617.3	14003.5	14302.4	14445.0	14775.3	
	MODULUS	ZFL	397.9	397.4	411.4	412.8	419.7	421.6	441.1	440.0	6.444	468.4	467.1	448.5	473.7	473.4	493.3	498.0	500.3	520.5	521.9	553.4	552.6	568.4	582.9	602.7	9.8.9	678.1	681.0	782.4	780.0	818.1	905.6	9.006	942.5	984.5	993.9	1034.0	1032.3	1078.2	
	SECT ION	ZPL	215.3	216.4	169.2	250.2	217.7	218.9	219.8	223.0	221.2	223.3	225.4	274.8	278.3	279.6	227.7	281.6	283.1	229.7	288.3	289.4	291.6	296.3	295.1	299.8	366.8	370.6	374.2	385.4	388.4	392.1	4.80.6	483.9	4.88.9	493.4	583.4	588.5	593.2	9.665	
		HT/FT	80.41	90.64	81.37	83.04	83.04	83.52	85.69	86.40	86.40	89.58	89.76	90.01	92.64	92.89	93.12	95.29	95.77	96.48	98.65	101.53	102.01	104.41	105.37	108.25	115.20	118.08	119.04	129.12	129.60	133.44	144.25	144.73	148.57	152.41	157.44	160.80	161.28	165.12	
		NOMINAL SIZE	24X13X1.000/1.375T	24X12X1.000/1.500T	21X16X .875/1.500T	24X11X1.000/1.750T	24X14X1.000/1.375T	24×13×1.000/1.500T	24X15X1.000/1.375T	24X12X1.000/1.750T	24X14X1.000/1.500T	24X15X1.000/1.500T	24X13X1.000/1.750T	27X12X1.125/1.375T	27X13X1.125/1.375T	27X12X1.125/1.500T	24X14X1.000/1.750T	27X14X1.125/1.375T	27X13X1.125/1.500T	24×15×1.000/1.750T	27X12X1.125/1.750T	27X15X1.125/1.500T	27X13X1.125/1.750T	27X12X1.125/2.000T	27X14X1.125/1.750T	27x13x1.125/2.000T	30×15×1.250/1.500T	30×16×1.250/1.500T	30X14X1.250/1.750T	30X17X1.250/1.750T	30X15X1.250/2.000T	30×16×1.250/2.000T	33X17X1.375/1.750T	33X15X1.375/2.000T	33×16×1.375/2.000T	33X17X1.375/2.000T	36×16×1.500/1.750T	36X17X1.500/1.750T	36x15x1.500/2.000T	36x16x1.500/2.000T	

0.3438 - 11/32 in.

.375 IN. PLATE (AREA= 3.23 SQ.IN.)

SHEAR	AREA	54.	99.	69.	18.	. 88	69.	. 88	16.	.95	1.19	1.42	1.20	1.44	1.67	4	1.69	1.70	1.69	1.70	1.84	2.43	2.15	5.45	2.17	5.46	2.15	2.48	2.46	3.51	2 2 2	2.53	1.15					3.35	3.70	3.38	3.73	3.35	3.75	3.73	4.76
NSE	THICK	.188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	.438	.375	.438	.500	.375	.500	.438	.563	.500	.500	.563	004	000	200	4.3	26.	.500	.625	.563	.563	.563	.500	.625	.563	9	.625	9	0
FLA	HIOIM	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00			3.00	3.00	3.00	:				4.00	4.00	:		4.00		:	2.00	00-1	00.4							0	4.00	5.00	0	2.00	0	0	2.00	6.00	2.00
WEB	THICK	.125	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	. 313	.313	.313	.313	. 313		. 313	175	375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.375	.438
	DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	6.44	6.38	6.44	5.50	7.38	6.50	7.66	6.56	7.50	6.50	7.56	1.50	***	000	0.00	A. 5.6	9.50	8.63	7.56	9.56	8.56	9.50	8.63	9.56	8.56	9.63	9.56	10.50
	AREA	.75	1.06	1.19	1.25	1.38	1.50	1.69	1.88	2.06	2.13	2.19	2.31	2.38	2.44	2.56	•	2.81	3.00	3.25	3.56	9	3.88	3.94	-	4.19	4.38	*	600		•	2.13	5.25	5.38	5.50	5.56	5.63		5.88						9.89
		5.9		2.8				3.3	-				3.2	3.9	4.6	3.8	4.5		4.3	4.2	3.5	4.8	4.0	4.7	4.0	4.6	3.8	4.5			•	2.5	2.0	5.7	6.4		5.6	4.7	2.4	4.6	5.5	4.5	5.1	5.0	5.9
	4		•	6.	1.0	1.1	1.1	1.4	1.2	1.3	1.5		1.6			2.0			5.5		5.4		2.8		3.0		3.1		3.6	•				4.2	4.1			4.2	4.5	4.4	4.7	4.5	4.9		
	~	1:1	1.2	1.3	1.5	1.6	1.4	1.8	1.4	1.5		2.2		2.2	5.6	2.3	5.6	2.7	2.8	2.8	5.4	3.1	2.8	3.2	5.9	3.3	5.9	3.3	3.5			0 0	3.5	4	3.7	3.4	4.0	3.7	4.0	3.7	4.1	3.7	4.1	4:1	4.3
	-			6.9					10.6	11.7		25.6	20.2	28.4			41.2	6.44	47.7	52.1	40.5	67.4	57.7	73.0	61.7	78.5	9.49	83.8	4.78	99.1	193.1	103.0	112.1	135.5			143.2	24.	149.1	31.	157.8	134.7	166.3	171.0	191.3
S		1.6	2.1	5.5	3.0	3.5	3.4	4.7	4.1	4.6	5.7			7.3	8.1	8.2	9.1	10.1	11.2	12.5	11.6	14.0	14.3	15.6	15.6	17.1	17.0	18.6	202	19.0	1.77	22.4	22.3	24.0	23.9	25.5	25.8	26.2	27.8	28.3	30.1	30.2	32.3	34.5	32.6
SECTION	ZPL	7.0	7.5	7.9	10.4	10.9	8.6	11.6	9.0	9.3			2	15.2	17.9	15.7	18.4	19.0	19.5	19.7	16.7	85.22	20.3	23.4	20.7	23.9	20.8	54.4	9.42	25.55	20.00	7 12	28.7	32.1	29.5	25.5	32.7	29.5	33.0	30.0	33.6	30.1	34.2	34.4	38.1
1	1	*	50	58	0,	69	88	54	19	96	60.4	4.20	45.4	4.57	9	9	0	3	5.76	~		0		5	7.93	9.04	8.41	8.52	00.6	3.16	00.0	9.00						:	:	1:	1:	12.25	2	2.	3
	ш	.188T	.250T	.313T	.250T	.313T	.3131	.313T	37	43	37	31		37	.313T	.438T	.375T	.438T	.375T	.438T	.500T	.375T	.500T	.438T	. 563T	.500T	.500T	. 5631	.500T	1054.	1000		5637	.500T	.625T	.5631	.563T	.563T	.500T	.625T	. 563T	5	.625T	9	20
	Z Z	.152/	.188/	.188/	.188/	.188/	.186/	.188/	.250/	1052.	2	2	.250/	.250/	.250/	.250/	1052.	.250/	.250/	.250/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.313/	.513/	20.20	1757	1275	375/	375/	.375/	.313/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.438/
1	-	×		2X	2X		3×	3×	3×	38	3×	3×	3×	3×	3×	3×	3×	3×		×	*	**	X t	**	×	**	2	×	×			*		X	X.	X9	×	2x	2×	2×	2×	¥9	2×	¥9	2X

in.

										ME B	4 13	NI'S	MAMA
	-	3501101			-	-	-	1	-			1	-
-		ZPL	75F	11	œ	0	4	R	DEPTH	THICK	5	THICK	œ
	•	91.3	121.9	90	6.5		7.4	•	17.00	.688	-	1.000	
12X10X .625/1.125T	•	4.49	121.4	9	5.1	8.8	4.7		13.13	.625		1.125	9.44
8X .688/1.000T	3	93.0	133.6	52.	6.5		7.1		17.00	.688	-	00	
	6	95.1	140.3	0.666	9.9	10.5	7.1		N	.688	-	5	
	3	6.46	145.4	895.2	6.5	10.5	6.8	20.00	0	.688	9.00	1.000	
1278. \1027. X8	39.36	110.6	144.4	1205.6	7.1		9.4	-	18.88	.750	8.00	.875	14.44
9X .688/1.250T	-	82.0	144.6	817.8	5.8	10.0	5.7	20.88	15.25	.688	9.00	1.250	10.75
16X10X .688/1.000T	:	95.8	157.0	1033.8	6.5	10.0	9.9	21.00	17.00	.688	10.00	1.000	11.95
	:	96.4	157.0	1045.8	9.9	10.8	1	21.13	17.13	.688	9.00	1.125	12.04
	:	112.5	156.1	1258.8	7.2	11.2	-	21.38	18.88	.750	9.00	.875	
	-	113.3	156.6	1273.2	7.2	11.2	-	21.50	19.00	.750	8-00	00	14.53
	N	7.76	170.0	1086.1	6.5	11.1	4.9	22.22	17.13	.688	10-00	1.125	12.04
	68.44	98.8	182.6	1122.5	6.5	11.4	-	23.38	17.13	.688	11.00	12	12.04
	S	117.6	183.1	1396.9	7.2	11.9	7.6	23.63	19.13	.750	9.00	1.125	14.63
	~	118.4		1429.9	7.2		m		19.00	.750	11.00	1.000	14.53
16x 9x .750/1.250T	-	119.9	196.4	1461.0	7.2	12.2	7.4	24.75	19.25	.750	9.00	1.250	14.72
	49.69	120.8	211.7	1500.4	7.2	15.4	7.1	25.88	19.13	.750	11-00	1.125	14.63
	σ	121.6	212.2	1516.6	7.2	12.5	7.1	0	19.25	.750	10.00	1.250	14.72
		122.2	226.0	1546.7	7.2	15.7	9.9	27.00	19.13	.750	12-00	1.125	14.63
	52.32		227.9	1568.0	7.2	12.7	6.9	~	19.25	.750	11.00	1.250	14.72
9X .875/1.125T	-	157.4	228.1	5095.9	8.1	13.3	8.5	28.50	22.13	.875	9.00	1.125	19.69
	-	133.0	2	1664.5	7.2	12.5	1.4	29.52	19.50	.875	9.00	1.500	ň
		159.9	244.7	2176.7	8.1	13.6	8.9		22.13	.875	10-00	1.125	
	29.04	163.5	258.1	277.	8.2	13.9	8.8	30.75	22.38	.875	9.00	1.375	
	•	162.2	261.3	252.	8.1	13.9	9.0	30.75	22.13	.875	11.00	1.125	
	2	164.2	278.1	2323.5	9.1	14.1	4	31.88	22.13	.875	12.00	1.125	
	2	166.3	272.8	2363.6	8.5	14.2	2.4	31.88	22.50	. 875	9-00	1.500	20.02
Z1X10X .8/5/1.3751		9	~ (	2365.8	2.9	14.2	6.5	-	22.38	.875	10.00	1.375	19.91
21×11V 675/1-5001	•	1001	207	9.4642		14.5		2 4	22 28			1.200	70.07
1X .875/1.500T	26.49	171.0	315.6	2537.2	8.2	14.8	8.0	34.88	22.50	.875	11.00	1.500	20.02
24×10×1-000/1-1257		209.0	. 0	3139.3	9.0	15.0	10.5	N	25.13	0		12	25.51
21X13X .875/1.3757	09.69	172.0	337.2	2592.2	8.1	15.1	7.7	36.25	22.38	.875	13.00	1.375	16.61
24X11X1.000/1.1257	-	212.2	318.2	246.	9.1	15.3	10.2	36.38	25.13	:	-	~	25.51
21X12X .875/1.500T	-	173.0	337.0	2614.6	8.1	15.1	7.8		22.50	.875	-	1.500	20.02
24X12X1.000/1.125T	-	215.1	337.0	.04	9.1	15.6	6.6	37.50	25.13		-	1.125	25.51
21X14X .875/1.375T		173.7	356.2	65	8.1	15.3	7.5	37.63	22.38	.875	0	1.375	16.61
24×10×1.000/1.3757		217.2	m	0	9.1	15.7	10.1	37.75	25.38	1.000	0	-	25.76
21X13X .875/1.500T		174.7	57.		8.1	15.4	7.5	37.88	22.50	.875	13.00	1.500	20.02
24x10x1.000/1.500T	-	520.9	356.0	3527.5	9.1	16.0	6.6	39.00	25.50	1.000	0	1.500	25.88
24X11X1.000/1.375T	_	550.4	359.8	3520.2	9.1	16.0	8.6	39.13	25.38	1.000	0	1.375	25.76
21X14X .875/1.500T	75.61	176.3	378.7	2751.9	8.0	15.6	7.3	39.38	22.50	.875	14.00	1.500	20.02
24X11X1.000/1.500T	17.76	224.1	380.3	3649.1	9.1	16.3	9.6	40.50	25.50	1.000	0		25.88
21X15X .875/1.500T	78.49	177.8	399.2	2813.4	8.0	15.8	7.0		22.50	.875	15.00	1.500	20.02
			i								,		

.375 IN. PLATE (AREA= 3.23 SQ.IN.)

0.3750 - 3/8 in

	SHEAR	AREA	.45	69.	.70	. 86	.89	.70	. 89	.95	.97	1.20	1.44	1.22	1.45	1.69	1.47	1.70	1.72	1.70	1.72	1.86	5.45	2.17	2.47	2.19	2.48	2.17	2.50	2.48	3.33	2.50	3.35	3.70	3.37	3.73	3.40	2.50	3.75	3.37	3.73	3.40	3.75	3.37	3.78	3.75	4.79
*****	39	THICK	.180	.250	.313	.251	.313	.313	.313	.375	.436	.375	.313	.438	.375	.313	.438	.375	.438	.375	.438	.500	.375	.500	.438	.563	.500	.500	.563	.500	.438	.563	.500	. 430	.563	.506	529.	. 563	. 563	.563	.500	.625	.563	.563	.625	.563	.500
SHOT	FLANGE	MIDTH	2.00	2.00	2.00	2-00	2.00	3.00	3.00	3.00	3.00	3.00	3-00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4-00	4.00	4.00	4-00	00 - 4	4.00	4.00	2.00	4.00	2.00	4.00	2.00	00 - 4	4.00	4.00	00-4	00.4	9.00	00 -4	2.00	2.00	2.00	2.00	6.00	5.00	6.00	5.00
DIMENSIONS		THICK	.125	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	. 313	.375	.375	.375	.375	.375	. 313	.375	.375	.375	.375	.375	.375	.375	.375	.438
PAS BEAM			3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	94.9	6.38	9.44	5.50	7.36	6.50	7.44	95 9	7.50	6.50	7.56	7.50	9.44	7.56	8.50	9.44	9.56	9.50	8.63	7.56	95.6	8.56	9.50	8.63	9.56	8.56	9.63	9.56	
*******		AREA	.75	1.06	1.19	1.25	1.36	1.50	1.69	1.88	2.06	2.13	2.19	2.31	2.38	3.44	2.56	2.63	2.81	3.00	3.25	3.56	3.69	3.68	3.94	4.13	4.19	4.38	***	69.4	4.75	2.00	2.00	5.13	2.52		2.50	2.56	•	5.81	5.88	6.13	6.19		6.50	6.75	6.88
		YF	3.0	3.0	3.0	3.8	3.8	2.8	3.6	2.8	2.8	3.5	4.2	3.5	4.2	6:4	4:1	6:4	4.0	4.6	4.5	3.8	2.5	*:4	5.1	*:	2.0	2.4	6.4	6.9	2.1		9.6	6.3	5.5	2.9	2.4	3	6.1	2.5	6.5	5.1	5.8	6.4	5.7	5.5	4.9
		4	9.		••	6.	1.0	6.	1.2	1.0	1.1	1.3	1.5	1.4	1.6	1.0	1.7	1.9	2.1	2.2	2.3	2.1	5.6	5.5	2.8	5.6	6.2	2.8	3.1	3.2	3.2	3.3	3.4	3.6	3.5	3.8	3.7	3.6	3.9	3.8	4.1	4.0	4.2	4.1	4.4	4.5	4.6
		œ	1.0	1.1	1.2	1.4	1.5	1.3	1.1	1.4	1.4	1.8	2.1	1.8	2.2	5.5	2.2	5.6	5.6	2.7	8.2	5.4	3.1	2.8	3.1	5.9	3.2	6.2	3.3	3.3	3.5	3.4	3.6	3.9	3.6		3.1	3.4		3.7	4:1	3.8	4.1	3.8	4.2	4.2	4.4
		INERTIA	6.4	4.9	7.5	11.6	13.4	10.0	17.2	11.8	13.1	50.4	28.2	22.5	31.5	41.2	34.8	45.7	50.1	53.4	58.8	45.7	75.7	65.5	82.4	2.07	6.99	73.7	95.3	1.66	111.8	106.8	119.8	143.5	127.3	153.2	134.8	116.8	162.3	141.0	169.6	150.2	180.1	154.9	190.2	196.1	216.9
	NODOL US	ZFL	1.6	2.1	5.5	3.1	3.6	3.5	4.0	4.2		5.8	6.7	6.5	7.5	8.3	8.4	9.6	10.4	11.5	12.9	12.0	14.5	14.0	16.1	16.1	17.7	17.6	19.3	50.9	19.1	55.9	21.5	55.9	23.5	54.9	6.42	500	56.8	27.3	58.9	29.4	31.3	31.4	33.6	35.8	34.0
	SECTION	ZPL	4.6	9.5	9.6	13.0	13.7	10.9	14.8	11.4	11.8	15.4	18.8	15.9	19.5	22.9	20.1	23.6	24.3	54.6	25.3	21.5	29.1	26.0	59.9	56.6	30.6	26.8	31.2	31.5	34.8	32.1	35.6	39.6	36.3	40.5	36.9	32.7	41.2	37.4	41.6	38.0	45.4	38.2	43.1	43.4	47.5
		MILET	1.44		2.28	2.40	5.65	2.88	3.24	3.61	3.96	60.4	4.20	4.44	4.57	4.68	4.92	5.05	2.40	5.76	6.24	9.9	7.08	7.45	7.56	7.93	8.04	6.41	8.52	9.00	9.12	9.60	3.60	9.65	10.08	10.33	10.56	10.68	10.81	11.16	11.29	11.77	11.88	12.25	N	12.96	13.21
		32	.168T	.250T	.313T	-250T	. 31.3T	.313T	.313T	.3751	.438T	.375T	.313T	-4381	.3751	.313T	.438T	.375T	.438T	.375T	.438T	.500T	.375T	.500T	.438T	.563T	.500T	.500T	. 563T	.500T	.438T	. 5631	-500T	-4381	. 5631	-500T	1629.	. 5631		.563T	-500T	·625T	.5631	.5631	.6257	.5631	50
		NAL SI	1521.	.186/	.188/	.188/ -29	.188/	.188/	.188/	1052	7052	1052							.250/			3	31	3/		.313/																	.375/	.375/			438/
		NON	×	×	×	×	×		×			-	5x 3x	4x 3x	5x 3x				6x 3x					X4 X9		X5 X9	1x 4x				8x 4x					X4 X6					X5 X6	8x 5x		8x 6x		3	

.430 IN. PLATE (AREA= 4.40 SQ.IN.)

.438 IN. PLATE (AREA: 4.40 SQ.IN.)

SHEAR	AKEA	3.78	4.82	4.85		4.46	4.82	4.87	4.85	4.46	4.87	****	6.50	4.90	6.53	4:17	6.50	9.99	4.9	6.53	4.46	95.9	99.9	6.58	6.56			8.52	99.9	8.55	1.52	99.9	9.55	16.	4.62	7.67	8.62	1.62	69.9	9.73	7.57	69.		9.73
5,	LAICE	.625	.563	.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.686	.750	.625	.750	.688	.875	.750	. 666		. 750	-688	. 875	.750	.600	.875	.750		278		.875	.175	1.00	1.125	::	1.00	1-125	1-125
•	-	00.9	2.00	5.00	6.00	2.00	6-00	2.00	6.00	6.00	6.00	7.00	2.00	9.00	5.00	7.00	6-00	2.00	7.00	6-00		9.00	2.00	9.00	2.			6-00	7.00	6.00	7.00	9-00	2:		200	8.00		9.00	9.00	7.00	10.01	9.00	9.00	9.00
MEB	MICK	.375	.438	.438	.438	.438	.438	.438	.438	.430	.438	.438	. 500	.436	.500	.438	. 500	.500	.438	. 500	.438	.500	.500	.500	. 500	0000	. 505	. 563	.500	.563	.563	. 500	.563		56.		. 563			.625	.563	.563	. 625	• 625
	DEPTH	9.63	10.56	10.63	8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	12.56	15.69	10.75	12.63	9.75	15.69	12.88	12.75	12.69	12.13	14.65	14.69	12.88	14.75	14.69	12.88	14.75	13.	14.8	13.00	14.88	14.00	15.00	15.13	13.00	15.00	13.13	15.13
	AREA	7.13	7.19	7.50	7.63	7.69	7.75	7.81	8.13	8.44	8.50	8.75	8.81		9.13	9.19	9.38	9.44	•	9.75	9.94	10.13	10.38	10.50	10.01	11.65	11.65					13.00	13.13	13.75	12.00	16.75	14.88	15.75	15.88	16.63	16.75	16.88		
*	-	5.4	6.3	6.2	4:1	5.5	6.0	6.1	5.9	5.2	5.8	5.0	7.3	5.7	7.2	5.5	7.0	7:1	2.4	6.9	4.7	6.8	9.9	2.9	6.5		5:3	7.8	6.2	7.7	7.5	5.9	*			5.7	6.8	6.5	6.6	6.9	5.5	6.3	5.4	6.5
-	2	4:1	4:1	4.9	4.4	4.7	5.0	5.1	5.5	5.0	5.4	5.1	5.7	5.5	5.9	9.6	9.0	9.0	2.8	2.9	2.5	4.9	6.5	6.5	9.9		2.7	7.3	7.2	7.5	7.6	2.5		:		7.7	8.5	8.8	8.8	8.8	8.2	9.1	8.2	9.1
	*	4.2	*:	4.5	3.8	4.2	4.5	4.6	4.6	4.2	4.6	4.2	5.1	4.6	5.5	4.6	2.5	2.5	4.7	5.3	4.3	5.3	2.4	5.3	5.3		2.4	2.0	5.4	9.0	9.9	2.4	9.0	**	7.4	2.6	6.1	6.1	6.2	6.1	5.4	6.2	5.3	6.1
******	INEKITA	207.1	75622	241.2	175.1	213.5	248.5	253.0	261.6	231.7	274.1	237.1	346.0	286.8	362.6	293.6	372.8	378.6	306.3	391.0	262.4	408.1	423.6	2.624	435.4	200	257.6	580.3	4.07.7	60209	617.4	515.1	541.2	259.6	686.7	558.6	724.5	758.7	769.5	786.8	607.7	805.1	628.1	828.3
2000	147	38.6	36.7	39.1	36.9	39.5	41.5	41.7	44.5	6.44	47.6	47.4		20.1	50.4	53.5	53.2	53.4	57.0	26.8	56.3	60.2	62.0	63.8	67.1		200	74.6	79.3		82.6	-	87.2	2.00	96.3	97.8	106.1	115.8	116.5	115.5	116.4	127.4	117.3	157.5
2017	747	44.1	4.04	2.64	39.9	45.1	49.6	50.0	50.4	46.1	51.1	46.2	60.7	51.8	61.8	52.0	62.2	62.7	52.7	63.3	47.5	64.3	65.3	2.59	65.5	•	67.5	29.0	68.1	80.2	2.08	69.1	91.9	2:5	23.0									91.3
	-		2						15.61				16.92		17.53	17.64	18.01	18.12	18.49		•		0				22.04			-					26.88									
:	1	. 625T	.5631	.625T	.688T	.750T	.563T	.688T	.625T	.750T	.688T	.688T	. 563T	.750T	.6251	.688T	. 563T	.688T	.750T	.625F	.750T	.688T	1978-	.750T	-668T	1000	16291	.688T	1578·	.750T	.688T	1520	.750T	1000	1976	TOOO	.8751	.875T	.000T	.125T	-000T	-0001	.1251	1521.
	1	3751	438/	438/	438/	438/	438/	438/	438/	438/	438/	438/	2007	438/	2007	430/	2007	2007	438/	2007	138	2007	2005	2007	2005	2000	5003/	563/	2005	263/	263/	2007	563/	56371	1502	563/1	563/	563/	563/1	625/1	563/1	563/1	625/1	625/1
-	MONTHAL	· x9	5x .	5x .	. x9	5x .	. x9	ex .	. X9	. x9	6x .	7x .	5x .	. X9	5x .	7x .	. x9	5x .	. ×	. x9	×	• x9	2× .	. x	*			, X9	. ×	. x9	× ×	×	*	•	•	-	•	•	•	•	•	•	•	•
	2																										191													×	-	×		

.438 IN. PLATE (AREA= 4.40 SQ.IN.)

NOMINAL SIZE  X 7X .688/1.000T  X10X .625/1.1257  X 8X .688/1.2507	i				0	2					1		
	MI/FI	ZPL	ZFL		*	1	YF	AREA	DEPTH	THICK		=	AREA
X 8 X	34.56	107.0	27.	1014.5	1.9	9.5		18.00	17.00	.688	0	1.000	
8 X X	36.00	77.3	27.	653.0	5.3	9.4	-	18.75	13.13	.625	0	-	8.48
7X	36.48	109.0	139.8	1067.6	9.9	9.6	9	19.00	17.00	.688	8.00	1.000	12.00
	37.92	111.3	.94	-	6.8	10.1	9.	19.75	17.25	.688	0	N	12.17
X6	38.40	110.7	52.	1117.0	9.9	10.1	. 3	50.00	17.00	.688	•	0	12.00
×	39.36	127.8	50.	-	7.3	10.5	6.	05.03	18.88	.750	8-00		14.49
14X 9X .688/1.250T	60.04	8.96	51.	-	6.1	9.6		50.02	15.25	.688	9.00	N	10.79
×	40.32		•	1161.9	8.9	10.4	-	11.00	17.00	.688	10.00	1.00	12.00
X6	19.04	112.9	164.3	-	6.8	10.4	.2	-	17.13	.688	9.00	1.125	12.09
×	41.05	129.9	163.0	1396.8	7.4	10.7	9.	-	18.88	.750	9-00	.675	14.49
	41.28	130.8	163.5	1412.5	4.2	10.8	9.	10	19.00	.750	8.00	1.000	14.58
	42.72	114 .3	177.9	1222.4	9.9	10.7	6.		17.13	.668	10.00	1.125	12.09
	68.44	115.6	191.1	1265.1	2.9	10.9	9.	3.38	17.13	.688	11.00	1.125	12.09
	45.37	135.7	191.2	1553.0	1.4	11.4	-		19.13	.750	9.00		14.68
	47.04	136.6	204.4	1591.5	1.4	11.7		10	19.60	.750	11-00	1.000	14.58
	47.52	138.2	202.5	1625.6	1.5	11.8	6	-	19.25	.750	9.00	1.250	14.77
	69.64	139.3	221.0		1.6	12.0	9.	-	19.13	.750	11.00	1.125	14.68
18X10X .750/1.250T	49.92	140.1	221.6		7.5	12.1	9.	-	19.25	.750	10-00	1.250	14.77
	51.84	140.8	235.9		1.4	12.3		-	19.13	.750	12.00	1.125	14.68
1X	52.32	141.7	238.0	1748.7	7.4	12.3		N	19.25	.750	11.00	1.250	14.7
21X 9X .875/1.125T	54.72	177.1	237.4	2293.6	8.3	12.9		-	22.13	.875	9.00	1.125	19.79
•	56.16	151.4	6	1639.0	1.4	15.1			19.50	.875	9.00	1.500	17.45
21X10X .875/1.125T	56.89	180.5	-	2383.5	9.4	13.2			22.13	.875	10-00	1.125	19.75
•	29.04	184.4	268.7	2494.8	8.4	13.5	m	30.75	22.38	8	9.00	1.375	19.97
	29.04	183.0		2467.8	4.6	13.5	-	-	22.13	.875	11.00	1.125	19.75
	61.21	185.2	~	2547.6	9.4	13.8		-	22.13	.875	12.00	1.125	19.75
21X 9X .875/1.500T	61.21	187.4	•	2589.7	4.0	13.8	7	-	22.50	.875	9.00	1.500	20.07
	69.19	187.1	289.4	2593.1	4.6	13.9		-	22.38	.875	10-00	1.375	19.97
	60.49	190.1	306.6		4.6	14.2		-	22.50	.875	10-01	1.500	20.07
21X11X .875/1.375T	64.32	109.6	309.8	2683.6	4.6	14.2		10	22.38	.875	11.00	1.375	19.91
21X11X .875/1.500T	26.99	195.6		2784.3	9.4	14.5		-	22.50	.875	11-00	1.500	20.03
24×10×1.000/1.125T	67.68	231.7	310.6		9.3	14.6	6	-	25.13	1.000	10.00	1-125	25.51
21X13X .875/1.375T	69.60	193.7	350.7	2	9.4	14.7			22.38	.875	-	1.375	19.97
24X11X1.000/1.125T	68.89	235.1	329.9	3509.7	9.3		9	-	25.13	1.000	-	1.125	25.57
21X12X .875/1.500T	69.85	194.7	350.7	2871.5	8.4		2.	-	22.50	.875	12-00	1.500	20.07
24X12X1.000/1.125T	72.00	238.2	349.2	3621.0	9.3		*	-	25.13	1.000	-	1.125	25.51
21X14X .875/1.375T	72.25	195.5	370.5		8.3		6		22.38	.875	-	1.375	19.97
24X10X1.000/1.375T	72.48	240.5	349.8		9.3		.5	37.75	25.38	1.000	-	1.375	25.85
21x13x .875/1.500T	72.73	196.6	372.2	2951.3	8.4	15.0	6	-	22.50	3	13.00	1.500	20.07
24×10×1.000/1.500T	74.88	244.5			4.6			89.00	25.50	1.000	-	1.500	55.94
24X11X1.000/1.375T	75.13	244.0	372.9		4.6		~	_	25.38	8	11.00	1.375	28.82
21X14X .875/1.500T	75.61	198.4	394.0	3026.4	8.3			19.38	22.50	. 675	-	1.500	20.07
24x11X1.000/1.500T	77.76	248.0	334.1	3948-1	9.6		10.01	05.01	25.50	1.000	-	1.500	25.94
21X15X .875/1.500T	64.82	200.0	415.3	3096.0	8.3		7.5	99.01	22.50	.875	-		20.07
24x10x1.000/1.750T	19.68	251.9		4073.9	9.6			.5	25.75	1.000	10-00	1.750	26.19

.438 IN. PLATE (AREA= 4.40 SQ.IN.)

		SECTION	HODOL US	S						WEB	FLA	INGE	SHEAR
NOMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	~	YP	4.5	AREA	DEPTH	THICK	HIDIM		
24X13X1.000/1.375T	80.41	549.9	419.5	4043.4	9.3	16.2	9.6	41.88	25.38	1.000	13.00	1.375	~
24X12X1.000/1.500T		251.1	419.1	4072.8	9.6	16.2	4.6	45.00	25.50	1.000	12.00	1.500	25.94
21X16X .875/1.500T	81.37	201.4	436.8	3161.6	8.2	15.7	7.2	42.38	22.50	.875	16.00	1.500	
24X11X1.000/1.750T		255.3	435.5	4214.9	4.6	16.5	2.6	43.25	25.75	1.000	11-00	1.750	26.19
24X14X1.000/1.375T	83.04	252.5	**5**	4150.4	9.3	16.4	9.4	43.25	25.38	1.000	14-00	1.375	25.8
24X13X1.000/1.500T		253.9	444.5	419141	4.6	16.5	9.6	43.50	25.50	1.000	13.00	1.500	25.9
24X15X1.000/1.375T	85.69	254.9	6.494	4250.5	9.3	16.7	9.1	44.63	25.38	1.000	15.00	1.375	25.8
24X12X1.000/1.750T	86.	258.4	464.1	4346.5	9.6	16.8	9.6	45.00	25.75	1.000	12.00	1.750	26.1
24X14X1.000/1.500T		256.5	469.0	4300.4	9.3	16.8	9.5	45.00	25.50	1.000	14-00	1.500	25.9
24X15X1.000/1.500T	89.28	258.8	493.7	4404.0	9.3	17.0	6.9	46.50	25.50	1.000	15.00	1.500	58.9
24X13X1.000/1.750T		261.1	432.7	4469.2	9.3	17.1	9.1	46.75	25.75	1.000	13.00	1.750	26.1
27X12X1.125/1.375T	10.06	312.3	470.5	5408.7	10.3	17.3	11.5	46.88	28.38	1.125	12-00	1.375	32.4
17X13X1-125/1-375T	95.	316.1	4.96.7	5566.3	10.3	17.6	11.2	48.25	28.38	1.125	13.00	1.375	32.42
7X12X1.125/1.500F		317.4	496.5	5603.3	10.3	17.7	11.3	48.38	28.50	1.125	12.00	1.500	32.5
14X14X1.000/1.750T	93.1	263.6	520.2	4582.1	9.3	17.4	8.8	48.50	25.75	1.000	14.00	1.750	26.1
27X14X1.125/1.375T	95	319.7	522.0	5713.6	10.3	17.9	10.9	49.63	28.38	1.125	14-00	1.375	32.4
7X13X1.125/1.500T		321.3	524.4	5765.7	10.3	17.9	11.0	49.88	28.50	1.125	13.00	1.500	32.5
24X15X1.000/1.750T	96.4	565.9	548.8	4.0694	9.3	17.6	2	58.25	25.75	1.000	15.00	1.750	26.1
7X12X1.125/1.750T	98.65	327.0	547.2	5973.9	10.3	18.3	10.9	51.38	28.75	1.125	12.00	1.750	32.8
27X15X1.125/1.500T	TU.	328.2	579.7	6064.1	10.3	18.5	10.5	98.29	28.50	1.125	15.00	1.500	32.5
27X13X1.125/1.750T	105.01	330.8	5.615	6145.6	10.3	18.6	10.6	53.13	28.75	1.125	13.00	1.750	32.0
27X12X1-125/2-000T	104.41	335.7	6.565	6320.6	10.4	18.8	10.6	54.38	29.00	1.125	12.00	2.00	33.1
27x14x1.125/1.750T	-	334.4	610.8	6306.8	10.3	18.9	10.3	54.88	28.75	1.125	14.00	1.750	32.0
27X13X1.125/2.000T	2	339.4	631.8	6500.2	10.3	19.1	2	56.38	29.00	1.125	13-00	2.008	33.1
30X15X1.250/1.500T	115.20	4.08.8	676.1	8136.1	11.2	19.9		60.00	31.50	1.250	15- 80	1.500	39.9
30X16X1.250/1.500T		412.9	7.907	8323.2	11.2	20.2		61.50	31.50	1.250	16.00	1.50	39.4
30X14X1.250/1.750T	119.04	416.7	109.9	8451.5	11.3	20.3	6	95.00	31.75	1.250	14.0	1.750	40.2
30X17X1.250/1.750T		428.8	815.1	9044.3	11.2	21.1	11.1	67.25	31.75	1.250	17.80	1.750	40.23
30x15x1.250/2.000T	129.60	432.0	815.8	9149.8	11.3	21.2	11.3	67.50	32.00	1.250	15.00	2.000	40.55
30X16X1.250/2.000T	3	435.9	852.4	9355.9	11.3	21.5	11.0	69.50	32.60	1.250	16.00	2.111	41.5
33X17X1.375/1.750T		527.1	936.1	11866.0	12.2	22.5	15.7	75.13	34.75	1.375	17.00	1.750	40.3
33X15X1.375/2.000T	144.73	530.6	934.2	11992.8	12.3	22.6	12.8	75.38	35.00	1.375	15.00	2.000	19.4
33X16X1.375/2.000T			977.4	12266.6	12.2	55.9	12.5	77.38	35.00	1.375	16-00	2.000	19.7
33X17X1.375/2.000T			1020.8	12528 . 1	12.2	23.2	12.3	79.38	35.00	1.375	17.00	2.000	
36×16×1.500/1.750T	157.	~	1027.1	14950.9	13.2	23.6	14.6	82.00	37.75	1.500	16.00	1.758	57.2
36X17X1.500/1.750T		7	1066.3	15270.7	13.2	23.9	14.3	63.75	37.75	1.500	17.00	1.750	57.2
36X15X1.500/2.000T		643.0	1066.8	15420.4	13.2	24.0	14.5	94.00	38.00	1.500	15.00	2.000	57.6
36×16×1.500/2.000T		649.8	1113.9	15774.6	13.2	24.3	14.2	86.00	38.00	1.500	16.00	2.000	57.6
													*

0.4375 - 7/16 in.

										•	*** BEAN			*******
				SECTION	Sn								FLA	NGE
Z	INAL		•	ZPL	7	INERTIA	ď	4	46	AREA	DEPTH	THICK	I	THICK
3x 5				9.6	1.7	2.5	6.	••	3.1	.75	3.19	.125	2.00	.188
				10.7	2.2	6.9			3.1	1.06	3.25	.188	2.00	.250
2 X 2	7 - 100/	25131	97.7	11.6	9.7	1.0	::		2.5	1.19	3.51	.100	2.00	.513
		•	•	120		100	? .			1.62	630	• 100	9000	0630
2 42							*:		, ,	1.50	10.4	. 100	200.2	212
		•			•	9			, ,	200	1			
		•	3.5			12.8				1.88	10.1	250		375
	X .250/	• •		16.6		14.4		1.0	2.0	2.06	3.44	.250	3.00	638
6 X 3	3x .250/	.37		16.9		22.1	1.7	1.2	3.7	7	4.38	.250	3.00	.375
	•	.31	4.20	23.1	6.9	30.5		1.3	4.5		5.31	.250	3.00	.313
	•	•		19.5	6.7	24.5	1.7	1.3	3.7		4.44	.250	3.00	.438
	3x .250/	•		24.0	7.7	34.2	2.1	1.4	4.5	2	5.38	.250	3.00	.375
	•	.3131		28.5	6.5	44.5	2.3	1.6	5.5	*	6.31	.250	3.00	.313
	•	•	•	24.8	9.8	37.9	2.1	1.5	:	.5	5.44	.250	3.00	.438
	•		•	2.62	9.6	9.64	5.4	1.7	2.5	.6	6.38	.250	3.00	.375
	X .250/		4	30.1	10.6	54.5	5.5	1.8	5.1		94.9	.250	3-00	.438
	•	•	5.76	30.6	11.7	58.4	5.6	1.9	2.0		6.38	.250	00 - 4	.375
	•	•	6.24	31.5	13.2	64.5	2.7		6.4	3.25	94.9	.250	0	.438
	4X .313/			26.7	12.3	50.5	2.3		;	.5	5.50	. 313	0	.500
7 × 4	•	•	7.08	36.1	14.9	83.1	3.0	2.3	2.6	3.69	7.38	.313	0	.375
		•		32.3	15.2	72.3	2.7			3.88	•	.313	0	.500
		•		37.1	16.5	2.06	3.1	5.4	2.5	6	7.44	.313	4.00	. 430
		•	6	33.0	16.6	77.9	2.8	5.4	4.7	4.13	•	,313	0	.563
		•	8.04	38.0	18.1	2.86		5.6	2.4	-	7.50	.313	0	.500
6× 5	5x .313/	•	8.41	33.4	18.1	82.0	2.8	5.5	4:5	4.38	6.50	.313	0	.500
		•	8.52	38.8	19.8	2	3.2	2.7		*	7.56	.313	4.00	. 563
		•	9.00	39.5	21.5	110.9	3.3		2.5	69.4		.313	2.00	.500
		•	9.12	42.9	20.3		3.6	5.9	1.0	-	8.44	.375	**	. 4 38
	•	. 5631	9.60	39.9	53.5			3.0	5.1	2.00		.313	0	.563
* X	4X .375/	•	9.60	43.9	22.1	2	3.5	3.0	9	-	•	.375	-	.500
		•	4.65	1.94	23.7	158.3	3.8	3.2		-	•	.375		. 430
		•	10.08	8.99	23.9	.:	3.6	3.2		2		.375	0	.563
	•	•	10.33	6.64	25.7	.69	3.9	3.4		5.38	•	.375		.500
	•	•	10.56	45.6	1.62	.64		3.3			•	.375		.629
2 ×	6x .313/	•		40.8	27.1	131.2	3.4	3.2		2.56		.313	0	. 563
		•	10.81	20.8	57.6	80.	4.0	3,5				.375	0	. 563
	•	•	11.16	7.94	28.1		3.7	3.4			.5	.375	0	.563
	•	•	11.29	51.3	8.62			3.7			9.50	.375	0	.500
8X 5	5x .375/	•	11.77	47.0	30.3		3.8	3.6		-	9	.375	0	•625
	•	•	11.88	52.3	32.3			3.8		7	5	.375	0	.563
	6x .375/	•	12.25	47.3	32.3	3.	3.8	3.7		m	.5	.375	0	.563
9 x 6	•	•	12.48	53.2	34.7	212.7	2.4		6.1	6.50	9.63	.375	2.00	•629
	•	•	12.96	53.5	9	6	4.2	4.1			2	-	-	563
					;	•				:	•		•	

SHEAR	AREA	3.80	4.84	4.87	4.03	64.4	4.84	4.90	4.87	64.4	4.90	4.46	6.53	4.93	6.57	4.98	6.53	9.90	56.4	6.57	***	20.0	60.0	20.0	6.63	8.52	6.63	8.55	8.09	8.55	69.9	8.59	7.60	8.59	00.0	8.66	8.66	8.73	9.77	7.60	8.73	0.77	3.6
w		.625	.563	•625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.688	062.	629.	06/-		750	688	.750	.625	.750	.688	. 750	.688	.875	.750	1.000	.751		A75	.075	1.000	1.125	1.000	1.00	1.125	•
E	HIDIM	6.00	5.00	5.00	6.00	5.00	6.00	2.00	6.00	9.00	9-00	7.00	2.00	6-00	2.00	7.00	6-00	2.00	2000	9	9-00	3	2000	7.00	2.00	6-00	-	9	200	7.00	0.00		-		:	-	-	8.00	-	10-00	9.00	000	
MEB	THICK	.375	.438	.438	.438	.436	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	.438	.500	254.		004	200	.500	.563	.500	.563	. 563	.563	.500	. 563	.563	. 563	. 202	. 563	.563	.563	.625	. 563	. 563	629.	670.
	DEPTH	9.63	10.56		8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	15.56	12.69	10.75	12.63	9.75	12.09	12.75	12.69	12.75	14.63	12.75	14.69	14.75	14.69	12.88	14.75	13.00	14.75	000	14.88	14.88	15.00	15.13	13.00	15.00	15.13	12010
	AREA	•			7.63					9.44	•	8.75		9.88	9.13	61.6	9.38	3.6	9.63	9.75	***	10.13	10.58	10.81	11.25	11.63													16	16	16.0	17.65	11.
	YF	5.9	6.7		5.5	5.9	6.9		4.9	5.6	6.3	5.5	7.8	6.2	7.7	6.0		7.6	•	•					6.9									7.6		7.4	7.1	7.2	7.3	2.1	6.9		:
	4	4.3	4.3	4.5	4.0	4.3	4.6	4.6	4.0	4.6	6.4	4.7	5.5	5.1	5.4	2.5	5.5	2.6	2.0	2.5	2.1		9.0	2	9.9	2.9	•	•	100	7.2	7.0	7.3	7.0	7.6			8.3	8.3	8.3	7.8	9.6		•
	œ	4.3	4.4	4.5	3.8	4.2	4.5	4.6	4.6	4.3	4.7	4.3	5.1	4.7	2.5		2.5	2.0			•						2.		6.5	6.1	9.6			6.2	2.0		6.3	6.3				2.5	?
	H	232.8	255.6	269.2	197.6	239.8		263.0	293.4	261.6	308.1	268.2	384.5	323.2	403.7	331.4	415.6	422.1	3.60.0	436.7	6.862	420.0	474.5	488.6	510.3	620.1	2.045	646.0	571.9	6.889	583.1	716.4	597.5	757.4	10901	813.5	853.9	866.2	882.1	691.5	908-5	712.0	930.9
MODOLUS	ZFL	39.8	37.9	40.4	38.2	40.5	45.9	43.1	46.1	46.5	43.2	49.1	49.2	55.5	55.3	55.3	22.5	55.4	29.0	58.9	5000	6.79		4.64	74.0	73.4		17.5	81.7	65.6	91.2	9006	91.6	66	1.001	110.3	202	121.1	120.3	151.1		122.3	
SECTION	PP	34.4	59.2	60.2	45.2	55.4	9.09	61.2	61.6	56.6	62.5	56.8	73.4	63.4	14.6	63.7	15.2	75.0	64.5	76.5	20.4	0.00	79.7	7.67	80.3	95.8	81.5	2.46	200	96.2	83.4	97.5	85.5	2.66	700.0	101.6	103.1	103.8	106.3	88.8	105.1	2.16	100.0
	11			14:									16.92										-		21.60							-	-										
	SIZE	N	56	. 6251	.6881	.750T	96	.688T	62	.750T	99	68	.5631	.750T	. 62 ST	.688T	.5631	1989	1057	29	C:	2	200	FART	.750T	.625T	-750T	9	2 2	.688T		~	•	.7507	•	-	-	-	7		0	12	71.
	NAL SI	375	438/	438/	438/	438/	438/	438/	438/	438/	438/	438/	2007	•	2007	438/	2007	2005	438/				7004	2007	2005	563/	2007	563/	263/	563/	2007	263/	563/1	563/	7000	563/	563/	n	625/1	26	56	1/529	20
	OMIN				•	•	•	•	•	•	•	•	•	•	•	•	•	. X	•	•			•	• •	× ×	•	•	•	• •	• •	•	•	•	•	•	• '		•	×	×	× 6	. ×6	
	Z		×		×		×	×		×6		×6			12x				101						12x		12X		X71					14X					14×	12X1	X 71	X71	*

								:	*** BEAM	DIN	ENSIONS **	******	
		SECT TON	HODOLUS			•	;			MEB	1	и.	SHEAK
HOMINAL SIZE	HI/TH	747	747	INERLIA	×			AREA	-	INICK	IOTH	_	AKEA
	34.56	125.0	132.7	1126.8	6.9	•		18.00	0	.688	7.0	•	12.04
12×10× .625/1.125T	36.00	92.2	132.9	742.1	2.5			18.75	_	.625	10.0	•	8.52
16X 8X .668/1.000T	36.48	127.3	145.4	1187.9	6.9		2	19.00	0	.688		•	12.04
	37.92	129.9	153.0	1247.2	7.0		2	19.75	N	.688	7.8	•	12.21
X6	38.40	129.2	158.2	1244.9	7.0		6	20.00	8	.688	9	1.000	12.04
× 9	39.36	147.6	156.9	1473.9			3	20.50	18.68	.750	8.0	•	14.54
X6	40.09	113.8	158.1	1042.2	6.3		9	20.88	N	.688	9.0	1.250	10.84
XO T	40.32	130.9	170.8	1297.0		•	9.	21.00	•	.688	10.0	1.000	12.04
	40.57	131.7	171.0	1311.6			-	21.13	-	.688	9.0	1,125	12.13
×	41.05	150.0	169.5	1542.4			7	21.38	•	.750	9.0	.875	14.54
×	41.28	150.9	170.1	1559.6		6	2	21.50		.750	8.8		14.63
1 0 X	42.72	133.4	185.1				*	22.22	-	.688			12.13
	66.44	134.8	198.9		7.0	10.5	-	23.38	17.13	.688	11.0	1.125	12.13
	45.37	196.4	198.9	-		11.0	9.	23.63	-	.750	6	•	14.72
1×	47.04	157.5	212.5	1763.8		11.2	m	24.50	0	.750			14.63
	47.52	159.3	213.4		7.7	11.3	3	24.75	N	.750	6	•	14.81
1X	69.64	160.5	229.8	1854.9		11.6	7	25.88	-	.750	11.0		14.72
×	26.64	161.4	230.5			11.6	7	26.00	N	.750	10.	•	14.81
	51.84	162.2	245.3	1916.4	7.6	11.8		27.00	-	.750	12.	•	14.72
×	52,32	163.2	247.5	1942.8	7.7	11.9		27.25	A	.750	11.0	•	14.81
	54.72	201.1	546.6		9.6	12.5	2	28.50	_	.875	9.0		19.80
	56.16	172.7	245.5		7.6	11.7	m.	29.25	10	.875		•	17.50
	56.89	204.1	264.4		9.6	12.8	6	29.63	-	.875	10.0	•	19.80
21X 9X . 675/1.375T	29.04	208.4	279.0	2729.5	8.6	13.1		30.75	-	.875	6	•	20.02
	29.04	506.9	282.1		9.9	13.1	9.	30.75	-4	.875	11.0	•	19.00
21X12X .875/1.125T	61.21	209.3	300.1		9.6	13.3		31.68	-	.875	15.0	•	19.80
	61.21	211.7	295.0		8.7	13.4	9	31.88	10	.875	9.0	•	20.13
	61.63	211.4	3000		8.7	13.4	*	32.13	-	.875	10.0		20.02
	60.49	214.7	318.4		8.7	13.7		33.38	10	.875	10.0	•	20.13
	64.32	214.1	321.6		8.7	13.7	-	33.50	m	.875	11.0	•	20.02
21X11X .875/1.500T	26.99	217.4	341.0		8.7	14.0	-	34.88	10	.875	11.0	•	20.13
24X10X1.000/1.125T	67.68	557.9	321.8		9.5	14.2	3	35.25	-	1.000	10.0	•	25.63
21x13x .875/1.375T	69.60	218.7	364.0			14.3		36.25	-	.875	13.	•	20.02
24x11x1.000/1.125T	69.85	261.6	341.6		9.5	14.5	-	36.38	-	1.000	11-0	•	25.63
21x12x .675/1.500T	69.85	219.8	364.1			14.3		36.38		.875	12.0	•	20.13
24x12x1.000/1.125T	72.00	265.0	361.6	3919.2	9.5	14.8		37.50		1.000	12.	•	25.63
21x14x .875/1.3751	52.27	220.1	354.5			14.5		37.63	M 1	.875	14.0	•	20.02
24x10x1.000/1.375T	72.48	267.4	362.3			14.9		37.75	-	1.000	10.0	•	25.88
21x13x .875/1.500T	72.73	221.9	386.4			14.6	4.4	37.88	10	.875	13.	•	20-13
24x10x1.000/1.500T	74.88	271.7	382.2					39.00	10	1.000	10.0	•	26.00
24×11×1,000/1,375T	75.13	271.2	386.1				0.7	39.13	-	1.000	11.0	•	25.88
21X14X .875/1.500T	75.61	223.8	1.60%				-	39.38	1	.875	14.0	•	20-13
24X11X1.000/1.500T	77.76	275.5	408.1	4276.2		15.5		40.50	25.50	1.000	11.	1.500	26.00
21X15X .875/1.500F	78.49	525.6	431.2		8.5	15.1	6.	40.88	10	.875	15.	•	20.13
24x10x1,000/1,750T	19.68	2.612	451.4		2.6		.5	41.50		1.000		•	58.52
				0000									

.500 IN. PLATE (AREA = 5.75 SQ.IN.)

.500 IN. PLATE (AREA = 5.75 SQ.IN.)

000 12-00 1- 000 12-00 1-		
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880.4 83.0 85.7	N. N. + N. + N. C. O.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
5.69	00000000000000000000000000000000000000	00000000000000000000000000000000000000
3751 -5001 -3751 -7501	.5001 .3757 .3757 .5007 .5007 .5007	
24x14x1.000/1.375F 24x13x1.000/1.500T 24x15x1.000/1.375F 24x14x1.000/1.50T 24x15x1.000/1.500F	5/1.3 5/1.3 5/1.5 5/1.5 5/1.5	Wrrewreweweweeenw
24x14x1.000/1.3757 24x13x1.000/1.5007 24x15x1.000/1.3757 24x14x1.000/1.5007 24x15x1.000/1.5007 24x13x1.000/1.7507	14 14 0 14 14 0 1	27x13x1.125/1.3751 27x12x1.125/1.5007 24x14x1.000/1.3751 27x13x1.125/1.3757 27x13x1.125/1.5007 24x15x1.000/1.7507 27x12x1.125/1.7507 27x13x1.125/1.7507 27x13x1.125/1.7507 27x13x1.125/1.7507 27x13x1.125/1.7507 27x13x1.125/1.7507 27x13x1.250/1.5007 30x15x1.250/1.5007

NOMINAL SIZE  2X -125/ -1861  2X -126/ -2501  2X -136/ -2501  2X -136/ -3131  2X -136/ -3131  3X -136/ -3131  3X -250/ -3131  3X -250/ -3131  3X -250/ -3131  3X -250/ -4361  3X -250/ -4361  3X -250/ -4361  3X -250/ -4361  4X -250/ -4361	F 40 0 4 0 0 0 0 0	HODU							KED	BI ANGE	2011	
NOMINAL SIZE  2X -126/ -1867  2X -126/ -2501  2X -126/ -2501  2X -126/ -3131  2X -126/ -3131  3X -126/ -3131  3X -250/ -3131  3X -250/ -4361  4X -250/ -4361		ZFL							200	LAL	NGE	SHEA
2X .125/ .1067 2X .186/ .2501 2X .186/ .3131 2X .186/ .3131 3X .186/ .3131 3X .250/ .3131 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 4X .250/ .4361 4X .250/ .4361 4X .313/ .5001			NERTI	œ	TP	4	AREA	DEPTH	THICK	HIDIM	THICK	ARE
2x 188/ 3131 2x 188/ 2501 2x 188/ 2501 2x 188/ 3131 3x 250/ 3131 3x 250/ 4361 3x 250/ 4361 3x 250/ 4361 3x 250/ 4361 3x 250/ 4361 3x 250/ 4361 4x 250/ 3751 4x 250/ 3751 4x 313/ 301		-	5.5	•		3.2	-	3.19	.125	2.00	.186	•
2x 186/ 2501 2x 186/ 3131 3x 186/ 3131 3x 256/ 3131 3x 256/ 4361 3x 256/ 4361 3x 256/ 4361 3x 256/ 4361 3x 256/ 4361 3x 256/ 4361 3x 256/ 4361 4x 256/ 4361 4x 256/ 3751 4x 256/ 4361 4x 313/ 3751			2.3			3.2	1.06	3.25	.166	2.00	.250	•
2x 186/ 3131 3x 166/ 3131 3x 256/ 3131 3x 256/ 3751 3x 256/ 4361 3x 256/ 3431 3x 256/ 3431 3x 256/ 3431 3x 256/ 3751 3x 256/ 3751 4x 256/ 3751 4x 313/ 3561						2.0		10.01	001.	2000	256	
3x .250/ .3131 3x .250/ .3751 3x .250/ .3751 3x .250/ .3751 3x .250/ .3751 3x .250/ .3751 3x .250/ .3751 3x .250/ .4381 3x .250/ .4381 4x .250/ .4381 4x .250/ .4381			15.1	1.3				4.41		200	313	
3x .250/ .3751 3x .250/ .3751 3x .250/ .3751 3x .250/ .3131 3x .250/ .3751 3x .250/ .3751 3x .250/ .4381 3x .250/ .4381 4x .250/ .4381 4x .250/ .4381 4x .250/ .4381		3.7	11.5	::			1.50	3.31	.188	3.00	.313	.73
3X .250/ .4361 3X .250/ .4361 3X .250/ .3131 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 3X .250/ .4361 4X .250/ .4361 4X .250/ .4361 4X .250/ .4361 4X .313/ .5001	3 9 5		6	1.5	6.	3.9	9	4.31	.188	3-00	.313	6.
3X .250/ .4361 3X .250/ .3131 3X .250/ .4381 3X .250/ .3131 3X .250/ .3131 3X .250/ .4381 3X .250/ .4381 4X .250/ .4381 4X .250/ .4381 4X .313/ .3751		;	13.7	1.2				3.38	.250	3-00	.375	6.
3x .250, .3751 3x .250, .431 3x .250, .431 3x .250, .3131 3x .250, .3131 3x .250, .431 3x .250, .431 4x .250, .431 4x .313, .501 4x .313, .3751			5	1.3			-	3.44	.250	3.00	.438	1.0
3x .250/ .431 3x .250/ .431 3x .250/ .431 3x .250/ .431 3x .250/ .431 4x .250/ .431 4x .250/ .431 4x .313/ .3151	60.		23.6	1.6		3.9	7	4.38	.250	3.00	.375	1.2
3X .250/ .4301 3X .250/ .3751 3X .250/ .4381 3X .250/ .4381 4X .250/ .4381 4X .250/ .4381 4X .313/ .5001			32.5	1.9			2.19	5.31	.250	-	.313	1.47
3x .250/ .3751 3x .250/ .3131 3x .250/ .4381 3x .250/ .3751 4x .250/ .4381 4x .313/ .5001 4x .313/ .3751	23		26.3	1.7	1:1	3.9	۳.	4.44	.250	3-00	.438	1.2
3x .250/ .4387 3x .250/ .4387 3x .250/ .4387 4x .250/ .4387 4x .313/ .5007 4x .313/ .3757	2 1	7.8	36.5	1.9	1.3		2.38	5.38	.250	3.00	.375	1.4
3x .250/ .4301 3x .250/ .3751 3x .250/ .4301 4x .250/ .4301 4x .313/ .5001 4x .313/ .3751	33	1.8	*7.4	2.2	1.4	5.5	2.44	6.31	.250	3-00	.313	1.7
3x .250/ .3757 3x .250/ .4387 4x .250/ .4387 4x .313/ .5007 4x .313/ .3757	29	1.8	40.5	2.0	1.4		5.56	5.44	.250	3.80	.438	1.5
3x .250/ .4301 4x .250/ .3751 4x .250/ .4301 4x .313/ .5001 4x .313/ .3751			53.0	2.3	1.5	5.4	2.63	6.38	.250	3.00	.375	1.7
4x .2507 .375T 4x .2507 .430T 4x .3137 .500T 4x .3137 .375T	36	-	58.3	2.4	1.6			6.44	.250	3.00	.438	1.7
4x .313/ .5001 4x .313/ .5001 4x .313/ .3751	6 36	-	62.7	5.5	1.7		3.00	6.38	.250	4.00	.375	1.7
4x .313/ .500f 4x .313/ .375f	6.24 38.0	-	69.5	5.6	1.8	5.5	3.25	6.44	.250	4.00	.438	1.7
4x -313/ -3751	6.84 32.2	12.5	24.7	2.2	1.1			5.50	.313	00-4	.500	1.9
	.08 43	-	89.5	5.9	2.1		9	8	.313	00-4	.375	2.4
4x .3137 .500T	.45 39	-	78.4		2.0		•	6.50	.313	4.00	.500	2.2
.313/ .4387	7.56 44.8	16.	0.96	3.0	2.2			7.44	.313	0	.438	2.5
4X .313/ .563T	.93 40	16.			2.1	2.0	-	~	.313	0	.563	2.2
.313/ .500T	.04 45	18.	•	3.0	2.3	2.1	-	2	.313	· · ·	.500	5.2
5x . 313/ . 500T	3	-	89.5	5.8	2.2				.313	0	.500	2.21
4x .313/ .563T	25.	20.	:	3.1	5.4		*	7.56	.313	0	.563	2.5
.500T	00.	2	120.9	3.2	5.5	5.5	69.4	.5	.313	2.00	.500	2.5
4x -375/ -438T	.12 51	2	133.6		5.6	9.9	4.75	9.44	.375	4-00	.438	3.
.313/ .5631	.60 48	~		3.3	2.7			.5	.313	2.00	.563	5.5
4x .375/ .500T	_	~	143.9	3.4	2.7			8.50	.375	-	.500	3.4
4x .375/ .438T	-	24.	171.6	3.7	5.9	7.1	-	9.44	.375	0	.438	3.7
4x .375/ .563F 1		~	153.7	3.5	2.8	6.3	5.25	8.56	.375	00 **	.563	3.4
4x .375/ .500T	1.33 60.1	2		3.8	3.1	7.0	5.38	9.50	.375	** 00	.500	3.7
4x .375/ .625T	36 55	2	163.6		3.0		.5	9	.375	0	.625	3.4
6x .313/ .563T	64 89		144.4	3.4	5.9	5.5		7.56	.313	6.00	.563	2.5
4x .375/ .563T	11	2	9		3.2	6.9	9	9.56	.375		.563	3.8
5x .375/ .563T	91	28.	173.2	3.6	3.1			.5	.375	0	.563	3.
.375/ .500T	63	8	205.8	4.0	3.3	6.7		.5	.375	0	.500	3.77
5x .375/ .625T	.95 11	31.	;	3.7	3.2	6.5	6.13		.375	2.00	.625	3.4
5x .375/ .563T	18 63	3		4.0	3.5	9.9	-	.5	.375	0	.563	3.8
6x .375/ .563T	15 51	33.	191.3	3.7	3.3	5.8	6.38		.375	0	.563	3.4
5x .375/ .625T		3	233.3	4.1	3.6	9.9	6.50	9.63	.375	0	.625	3.6
6x .375/ .563T	9 9	37.		4.2	3.7	4.9	6.75	5	.375	6.00	.563	3.8
5x .438/ .500T	.69 12	36.	263.5	4.3				.5	.438	0	.500	;

	SHEAR	AREA	3.82	4.87	4.90	4.05	4.52	4.87	4.93	06.4	4.52	4.93	64.4	95.9	4.95	6.60		9.29	6.63		6.60	4.52	6.63		99.9	6.63	99.9	8.55	99.9		6.72	8.62	8.59	27.0	29.9	9 4	69.69		8.69	9	-	9.81	1.64		8.56	9.81	
	NGE	THICK	.625	.563	.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.688	.750	.625	.750	.688	.875	.750	.688	.750	.625	.750	.688	.875	.750	99.	.075	100	750	.875	1.800	.875	.875	1.000	1-125	1.000	0	N	1.125	
	•	WIDTH	0	0	0				0	6.00	6-00	6-00	7.00	5.00	6.00	2.00	7-00	6-00	5.00	7.00	0	0.00	6.00	5.00	0	7.00	7.00	9.00	00.0	6-00	2.00	0	7.00			<b>9</b> C	7.00	•	00-9	9.00	8-00	7-00	10-00	00.6	9.00	9.00	
I DINE	WEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	43	50	50	.438	.500	.436	50	.500	20	.500	50	.563	.500	.563	.500	. 563	.563	. 500	200	200	. 563	56	56	.563	. 563	.625	.563	.563	• 625	.625	
BEA		DEPTH	9.63	.5	9.0	9	9.75	.5	10.69	9.0	-	.6	69.6	10		2.6		5	2	1.1	12.63	9.7	12.69		12.75	9	12.75	14.63	~	ø		-	14.69	0	14.75	15.00					15.00	-	13.00	15.00	-	-	
******		AREA		-		-	-	:		•			•			6	9.	6	6	6		6	10.	10.	10.50	=	==	11.63	12.	12.	12.	15	12.	::3	:	3 5	14.00	16.	14.	15.	15.	16.	16.	16.	17.	17.	
		YF	6.3	7.2	7.1	5.6	6.4	6.9	2.	6.8	6.1		5.9					0.0			7.9				7.7			9.									8.2								6.3	7.5	
		Y	3.9	3.9	4.1	3.7	4.0	4.2	4.2	4.4	4.2	4.5	4.3	4.8	4.7	5.0	•	5.1		5.0		4.7	5.4	5.6	9.6	5.7							6.7			0 0	7.2							8.2	7:4	8.2	fn.
		œ	4.2		4.5	3.8	4.2	4.5	4.5	4.6	4.3	4.6	4.3	5.1	4.7	5.2		5.2	5.3	4.0				5.4	5.4	5.5	5.5	6.0	9.6	6.1		9.1	2.9		7.0			5.7		4.9	4.9		2.1		2.5	4.9	- 9/16
		INERTIA	256.7	279.9	295.5	218.6	264.3	305.6	311.2	323.3	289.8	340.3	297.8	421.1	357.7	442.7	:		63.	3	:	:	503.2	3.			565.2		:	710.2	611.4	739.6	6	:	6.067	: .	850.9	2	2	6		:	•	3	2.262	1035.0	0.5625
	MODOLUS		40.8	38.9	-	39.2	-		44.3	47.3	47.8	50.6	50.4	20.1	54.0	53.9	56.9	56.8	57.1	9.09	9.09	59.9	64.4	66.4	68.2	71.7	76.3	15.8	84.2	80.1	84.9	4.40	9.00	1.56	9.5.0	102.6	103.4	105.1	113.9	124.3	125.2	124.5	125.2	136.9	156.6	137.4	
	SECTION	ZPL	65.8	71.1	72.4	59.65	2.99	72.9	73.5	74.1	68.3	75.3	9.89	87.4	76.4	6.98	ø	1.68	0	-	91.2	70.5	95.5	0.46	93.9	94.4	95.7	109.6	97.3	111.3		112.8	113.6	29.5	115.6	117.2	110.0	03.	120.0	121.6	122.5	124.8	105.4	124.1	107.8	156.8	
		HT/FT	9.	13.80	4	4.6			-		16.20	m.	16.80			.5		0		3	-	19.08	19.45	19.93	20.16		9		23.04		23.29				25.61	* 4	26.88	~	5	2		6	7			•	
							.750T								.750T										.750T								.6881		٠.	7501					1.000T		_	_	1-1257		
			.375/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.500/	.438/	.5007	438/	.500/	.5607	.438/	.500/	.438/	.5007	.500/	.500/	.500/	.5007	.563/	.500/	.563/	.5007	.563/	. 563/	1005	.505	2637	.563/	563/	563/	.563/	.563/1	.625/1.1	. 563/1.00	.563/	.625/	1529.	
		NOMINAL					2X																		×9			<b>6</b> X		¥9		<b>2</b>	×		2		× ×										
		-	×6	1 0×	10×	8×	X6	10X	10×	10X	X6	10X	X6	12X	10X	12X	1 0X	12X	12×	10X	12X	X6	12X	12X	12X	12X	12X	14×	12K	14X	12X	14X	14X	15X	X * 1	177	14X	12x	14X	14X	14X	14×	12X1	14X	12X	14X	

.563 IN. PLATE (AREA= 7.28 SQ.IN.)

##7 FT ZPL ZFL INERTI 34,56 145,4 137,4 1240 35,48 1448.0 153.9 1530 38,936 159.9 158.5 1377 40.09 133.0 153.9 11615 40.05 152.1 176.8 1436 40.05 152.1 176.8 1436 40.05 152.1 176.8 1436 40.05 156.6 206.0 14636 40.05 173.7 175.5 11615 47.52 154.9 191.7 1515 47.52 166.6 206.0 1461 47.52 166.6 206.0 1461 47.62 166.6 207.0 2067 48.66 166.0 207.0 2067 48.66 207.2 207.0 2067 48.66 207.0 2067 48.66 207.0 2067 48.66 207.0 2067 48.66 207.0 2067 48.66 207.0 2067 48.67 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 207.0 20	2.0 2.0 2.0 2.0 2.0 2.0	APE					
.688/1.000T 34.56 145.4 137.4 1240.8 5259.688/1.000T 36.00 109.0 137.7 6329 568/1.000T 36.48 140.0 150.5 150.5 1370.5 688/1.000T 36.48 140.0 150.5 150.5 1370.5 688/1.000T 38.40 150.2 163.8 1370.5 1370.5 688/1.000T 38.40 150.2 163.8 1370.5 1370.5 688/1.000T 38.40 150.2 163.8 1370.5 1370.5 688/1.000T 40.32 150.2 162.6 11615.0 1688/1.125T 40.57 153.0 177.1 1452.3 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 170.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1452.3 1750.1 1	*	322	-	THICK	=	1	RE
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.750/1.2501 52.32 187.6 256.4 2146.1 7 .875/1.1257 54.72 227.5 255.3 2730.0 8 .875/1.1257 56.16 196.7 254.5 2225.8 7 .875/1.1257 56.16 196.7 254.5 2225.8 7 .875/1.1257 56.16 235.9 291.9 2947.0 8 .875/1.1257 59.04 235.6 281.9 2947.0 8 .875/1.21257 59.04 233.9 291.9 2947.0 8 .875/1.21257 59.04 235.9 291.9 2947.0 8 .875/1.5007 61.21 236.7 310.5 3104.0 8 .875/1.3757 64.32 241.9 332.9 3214.6 8 .875/1.3757 66.97 245.5 332.8 3389.9 8 .875/1.3757 67.68 287.5 332.8 3389.9 8 .875/1.3757 67.68 287.5 332.8 3389.9 8 .875/1.3757 67.68 297.5 332.8 3389.9 8 .875/1.3757 72.25 248.2 376.7 3522.8 8 .875/1.5007 72.25 248.2 376.7 3522.8 8 .875/1.5007 72.25 249.8 377.6 44.55.9 34.51.6 72.8 375/1.5007 72.48 302.6 395.2 44.65.9 9 1.000/1.3757 72.43 290.0 399.1 44.59.5 9 .875/1.5007 75.43 290.0 399.1 44.59.5 9 .875/1.5007 75.43 302.6 423.5 3649.4 5	11.	3 27.0	19.13	.750	12.00	1.125	14.7
.875/1,1257 54.72 227.5 255.3 2730.0 6.875/1,1257 56.46 196.7 254.5 2225.8 7.875/1,1257 56.46 196.7 254.5 2225.8 7.875/1,1257 56.49 235.6 296.9 2977.2 6.55/1,1257 59.04 235.6 296.9 2977.2 6.55/1,1257 59.04 235.9 291.9 2947.9 2947.1 235.7 310.5 310.6 6.875/1,1257 61.69 236.9 311.1 3100.6 6.875/1,3757 64.32 241.9 332.9 3214.6 6.97 245.5 353.1 3339.9 6.875/1,3757 69.66 247.0 376.7 3422.8 6.875/1,3757 69.66 247.0 376.7 3422.8 6.875/1,3757 69.85 249.2 396.0 3515.6 6.875/1,3757 72.25 249.2 396.0 3515.6 6.875/1,5007 72.78 297.5 4400.1 3552.8 1.000/1,1257 72.48 297.9 374.6 355.2 4465.0 91.000/1,3757 72.48 302.6 335.2 4465.0 91.000/1,3757 72.48 302.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.61 252.6 423.5 3649.4 56.9 375/1,5007 75.7 3649.4 56	11.	4 27.2	N	.750	0	1.250	14.8
.875/1.5007 56.16 196.7 254.5 2225.8 7 2841.8 8 285/1.1257 56.89 236.9 273.7 2841.8 8 875/1.1257 59.04 235.6 286.9 2977.2 8 875/1.1257 59.04 235.9 291.9 2947.0 875/1.1257 59.04 235.9 291.9 2947.0 875/1.1257 61.21 236.7 310.5 3104.0 875/1.5007 64.19 242.6 329.7 3222.8 8 875/1.5007 64.19 242.6 322.7 3222.8 8 875/1.5007 64.29 247.9 332.9 3214.6 875/1.3757 69.60 247.0 375.7 4237.6 9.875/1.5007 69.85 291.6 335.2 3451.1 91.000/1.1257 69.85 291.6 353.2 3451.1 91.000/1.1257 69.85 291.6 353.2 3451.1 91.000/1.1257 72.00 295.3 373.7 4237.6 9.875/1.5007 72.25 249.2 396.0 3515.6 91.000/1.3757 72.48 297.9 374.6 395.2 4465.0 91.000/1.3757 75.43 302.6 395.2 4465.9 91.000/1.3757 75.41 302.0 399.1 4459.5 91.000/1.3757 75.41 302.0 399.1 4459.5	12.	7 28.5	-	.875		1.125	19.8
.875/1.1257 56.89 230.9 273.7 2841.8 .875/1.3757 59.04 235.6 288.9 2977.2 .875/1.1257 59.04 235.6 288.9 2977.2 .875/1.1257 59.04 235.6 288.9 2977.2 .875/1.1257 59.04 235.7 280.9 2977.2 .875/1.1257 51.04 235.7 310.9 3047.9 .875/1.3757 61.69 238.9 311.1 3100.6 .875/1.3757 64.09 242.6 329.7 3222.8 .875/1.3757 64.09 242.6 329.7 3322.9 3214.6 .875/1.3757 69.60 247.9 332.9 3214.6 .875/1.3757 69.60 247.0 376.7 3422.8 .875/1.507 69.85 291.6 332.9 3451.1 .875/1.507 72.25 249.2 390.0 3515.6 .9875/1.3757 72.48 297.9 377.6 4456.9 1.000/1.3757 72.48 297.9 374.6 3552.8 1.000/1.3757 72.48 302.6 3352.9 4456.9 1.000/1.3757 75.41 302.0 399.1 4459.5 9	11.	7 29.2	2	.875	9-00	1.500	17.5
.875/1.3751 59.04 235.6 288.9 2977.2 8875/1.1257 59.04 233.9 291.9 2947.0 8875/1.1257 59.04 233.9 291.9 2947.5 8875/1.5007 61.21 236.7 310.5 3104.7 6 8875/1.5007 64.09 242.6 329.7 3222.8 8875/1.3757 64.32 241.9 332.9 3214.6 8875/1.3757 64.32 241.9 332.9 3214.6 8875/1.3757 65.97 245.5 332.8 3963.1 9875/1.3757 69.85 294.6 353.2 4413.4 9875/1.5007 69.85 248.2 376.9 3451.1 8875/1.5007 72.25 249.2 396.0 3515.6 9875/1.5007 72.48 297.9 374.6 4537.6 9875/1.5007 72.48 302.6 395.2 4466.0 9.	12.3	4 29.	22.13	.875	10.00	1.125	19.8
.875/1.1257 59.04 233.9 291.9 2947.0 8875/1.1257 61.21 236.7 310.5 3047.5 8875/1.3701 61.21 236.7 310.5 3094.0 8875/1.5001 64.09 242.6 329.7 3202.6 8875/1.3751 64.32 241.9 332.9 3214.6 8875/1.3751 66.97 245.5 353.1 3339.9 8875/1.3751 69.87 245.5 353.1 3339.9 8875/1.5007 65.97 245.5 353.1 3339.9 8875/1.5007 65.97 246.5 353.6 3453.1 9875/1.5007 72.00 295.3 373.7 4237.6 9875/1.5007 72.48 297.5 396.0 3515.6 9875/1.5007 72.73 250.5 496.1 3552.8 8875/1.5007 72.73 250.5 496.1 3552.8 8875/1.5007 72.73 250.5 496.1 3552.8 8875/1.5007 74.88 302.6 395.1 4459.5 9.	12.	3 30.7	M	.875		1.375	20.0
.875/1.1257 61.21 236.7 310.5 3047.5 0875/1.5007 61.21 239.2 305.5 3094.0 8875/1.3751 61.69 236.6 329.7 31010.6 6875/1.3751 64.32 241.9 332.9 3214.6 8875/1.3751 64.32 241.9 332.9 3214.6 8875/1.3751 66.97 245.5 353.1 3389.9 88075/1.3751 69.60 247.0 376.7 3322.8 88075/1.3751 69.85 291.6 353.2 4103.4 9875/1.5007 72.00 295.3 373.7 4237.6 9875/1.5007 72.48 297.9 374.6 4314.3 9875/1.5007 74.88 302.6 395.2 4466.0 9875/1.5007 74.88 302.6 423.5 3649.4 6.	12.	1 30.7	-	.875	0	1.125	19.8
. 675/1.5007 61.21 239.2 305.5 3094.0 8. 675/1.3757 61.69 238.9 311.1 3100.6 8. 68. 68.75/1.5007 64.39 242.8 322.7 3222.8 8. 68.75/1.5007 64.39 242.9 322.9 3222.8 8. 68.75/1.5007 66.97 245.5 353.1 3389.9 8. 1000/1.257 67.68 287.5 332.8 395.3 1 93. 6875/1.3757 69.60 247.0 376.7 3452.8 8. 69.80 247.0 376.7 3452.8 8. 69.80 247.0 376.7 3451.1 8. 69.85 248.2 376.9 3451.1 8. 69.85 248.2 376.9 3451.1 8. 69.875/1.5007 72.89 29.2 398.0 3515.6 8. 69.875/1.5007 72.88 302.6 395.2 4466.0 9. 1000/1.3757 75.13 302.0 399.1 4459.5 9. 6875/1.5007 75.13 302.0 399.1 4459.5 9.	12.	8 31.8	-	.875	0	•	19.8
.875/1.3757 61.69 238.9 311.1 3100.6 8875/1.5007 64.09 242.6 329.7 3222.8 8875/1.5007 66.97 242.6 353.9 3214.6 8875/1.5007 66.97 245.5 353.9 3324.9 3329.9 8. 1.000/1.1257 67.68 287.5 332.8 3963.1 9875/1.507 69.85 291.2 376.7 3422.8 8. 1.000/1.1257 72.89 295.3 373.7 4237.6 9875/1.5007 72.25 249.2 398.0 3515.6 9875/1.5007 72.88 297.9 374.6 4516.3 9875/1.5007 74.88 302.6 399.1 4456.0 9875/1.5007 75.13 302.0 399.1 4459.5 9.	12.	1 31.8	2	.875	0	•	20.1
.875/1.5007 64.09 242.6 329.7 3222.8 8. 875/1.3757 64.32 241.9 332.9 3214.6 8. 875/1.3757 64.32 241.9 332.9 3214.6 8. 875/1.5007 66.97 245.5 332.8 3389.9 8. 1.010/1.1257 69.85 287.5 332.8 3963.1 9. 875/1.3757 69.85 291.6 353.2 4103.4 9. 875/1.3757 72.80 295.3 373.7 4237.6 9. 875/1.3757 72.80 297.9 374.6 4304.3 9. 875/1.5007 72.45 287.9 374.6 4304.3 9. 875/1.5007 72.48 302.6 395.2 4466.0 9. 1.010/1.3757 75.13 302.0 399.1 4459.5 9. 875/1.5007 75.61 252.6 423.5 3649.4 6.	13.	0 32.1	m	.875	0	1.375	20.0
.875/1.3757 64,32 241.9 332.9 3214.6 8875/1.5007 66.97 245.5 353.1 3389.9 8875/1.35007 66.97 245.5 353.1 3389.9 8875/1.3757 69.85 291.6 353.2 4103.4 9875/1.3757 72.29 295.3 373.7 4237.6 9875/1.3757 72.25 249.2 398.0 3515.6 9875/1.3757 72.48 297.9 374.6 4304.3 9875/1.5007 74.88 302.6 395.2 4466.0 9. 1.000/1.3757 75.13 302.0 399.1 4459.5 9.	13.	8 33,3	2	.875	0	•	20.1
.87571.5007 66.97 245.5 353.1 3339.9 8. 1.000/1.1257 67.68 287.5 332.8 3963.1 9875/1.3757 69.65 247.5 352.8 3422.8 6. 1.000/1.1257 69.85 248.2 376.9 3451.1 8875/1.5007 69.85 248.2 376.9 3451.1 8. 1.000/1.3757 72.25 249.2 396.0 3515.6 9. 1.000/1.3757 72.48 297.9 374.6 4314.3 9. 1.000/1.3757 72.48 302.6 395.2 4466.0 9. 1.000/1.3757 75.13 302.6 399.1 4459.5 9.	13.	7 33.5	m	\$18.	0	1.375	20.0
67.68 287.5 332.8 3963.1 9.69.61 247.0 376.7 3422.6 6.9.85 248.2 376.9 3451.1 9.69.85 248.2 376.9 3451.1 8.72.00 295.3 373.7 4237.6 9.72.46 297.9 374.6 4314.3 9.72.73 291.9 4310.1 3552.6 8.72.73 250.6 395.1 4456.0 9.75.13 302.0 399.1 4459.5 9.75.61 252.6 423.5 3649.4 6.	13.	5 34.8	n	87	0	•	20.1
69.66 247.0 376.7 3422.6 6.6 69.65 291.6 353.2 4103.4 9.6 59.65 246.2 376.9 4103.4 9.7 2.00 295.3 373.7 4237.6 9.7 2.46 297.9 375.9 375.9 355.9 6.0 3515.6 9.7 2.4 8 297.9 374.6 4304.3 9.7 2.13 302.0 399.1 4456.0 9.7 2.13 302.0 399.1 4456.9 9.7 2.6 22.5 423.5 3549.4 6.7	13.	9 35.2	-	8	0	1.125	52.6
69.85 291.6 353.2 4103.4 9. 69.85 248.2 376.9 3451.1 8. 72.25 249.3 373.7 4237.6 9. 72.48 297.9 374.6 4315.6 8. 72.73 250.5 400.1 3552.8 8. 75.13 302.0 399.1 4459.5 9. 75.61 252.6 423.5 3649.4 6.	13.	1 36.2	M	.875	0	1.375	20.0
69.85 248.2 376.9 3451.1 8. 72.25 249.2 373.7 4237.6 9. 72.46 297.9 374.6 4314.3 9. 72.73 250.5 4010.1 3552.8 8. 74.88 302.6 395.2 4466.0 9. 75.13 302.0 399.1 4459.5 9.	14.	6 36.3	-	8	0	1-125	52.6
72.25 249.2 373.7 4237.6 9. 72.25 249.2 396.0 3515.6 9. 72.46 297.9 374.6 4314.3 9. 72.88 302.6 395.2 4456.0 9. 75.13 302.0 399.1 4459.5 9. 75.61 252.6 423.5 3649.4 6.	13.	2 36.3	2	.875	0	1.500	20.16
72.25 249.2 396.0 3515.6 8.72.46 297.9 374.6 4304.3 9.72.48 302.6 395.2 4466.0 9.75.13 302.0 399.1 4459.5 9.75.61 252.6 423.5 3649.4 E.	14.	3 37.5	-	8	0	•	52.6
72.48 297.9 374.6 4304.3 9. 72.73 250.5 400.1 3552.8 8. 74.88 302.6 395.2 4466.0 9. 75.13 302.0 399.1 4459.5 9. 75.61 252.6 423.5 3649.4 E.	14.	8 37.6	M	.875	0	•	20.0
72.73 250.5 400.1 3552.8 8. 74.88 302.6 395.2 4466.0 9. 75.13 302.0 399.1 4459.5 9. 75.61 252.6 423.5 3649.4 E.	14.	5 37.7	-	00	0	•	58.9
74.88 302.6 395.2 4466.0 9. 75.13 302.0 399.1 4459.5 9. 75.61 252.6 423.5 3649.4 E.	-	9 37.8	22.50	87	13.00	1.500	20.1
75.13 302.0 399.1 4459.5 9.	14.	3 39.0	5	8	0	•	26.0
.875/1.5007 75.61 252.6 423.5 3649.4 8.	14.	2 39.1	25.38	1.000	0	•	25.9
	14.	6 39.3	3	.875	0	•	20.1
77.76 306.7 421.8 4627.8 9.	-	0 40.5	25.50	1.000	0	1.500	26.00
78.49 254.6 446.5 3739.1 8.	-	4 40.8	22.50	87	0	1.500	20.1
.7507 79.68 311.2 435.7 4776.5 9.	-	0 41.5	25.75	1.000	0	1.750	26.3
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			100					******	*** BEAH	IO		******	
		SECTION	MODOLOS							MEB	FLA	FLANGE	SHEAR
NOMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	œ	YP		AREA	DEPTH	THICK	HIDIM	THICK	AREA
24X13X1.000/1.375T	80.41	309.0	448.6	4746.8	9.6	15.4	10.6	41.88	25.38	1.000	13.00	1.375	25.94
24X12X1.000/1.500T		310.3	448.4	4779.9	9.8	15.4		42.00	25.50	1.000	12.00	1.500	26.06
21X16X .875/1.500T	91.37	256.3	9.694	3824.1	8.8	14.9		42.38	22.50	.875	16.00	1.500	20.18
24X11X1.000/1.750F	83.04	315.2	466.2	4948.6	6.6	15.7		43.25	25.75	1.000	11.00	1.750	26.31
24X14X1.000/1.375T	83.04	312.1	473.0	4877.7	9.8	15.6	10.3	43.25	25.38	1.000	14.00	1.375	25.94
24X13X1.000/1.500T		313.6	475.4	4925.0	9.8	15.7	10.4	43.50	25.50	1.000	13.00	1.500	26.06
24X15X1.000/1.375T		314.9	6.964	50005	9.6	15.9	1001	44.63	25.38	1.000	15.00	1.375	25.94
24X12X1.000/1.750T	3	318.8	436.8	5109.9	6.6	16.0	10.3	45.00	25.75	1.000	12.00	1.750	26.31
24X14X1.000/1.500T		316.7	501.5	5058.9	9.8	16.0	10.1	45.00	25.50	1.000	14.00	1.500	26.06
24X15X1.000/1.500T	2	319.5	527.8	5186.5	9.8	16.2	8.6	46.50	25.50	1.000	15.00	1.500	26.06
24 X 1 3 X 1 . 00 0 / 1 . 7 5 0 T		322.1	527.2	5261.1	6.6	16.3	10.0	46.75	25.75	1.000	13.00	1.750	26.31
27X12X1.125/1.375T	90.01	376.3	501.1	6219.9	10.7	16.5	12.4	46.88	28.38	1.125	12.00	1.375	32.56
27X13X1.125/1.375T		380.7	528.7	6406.0	10.7	16.8	12.1	48.25	28.38	1.125	13.00	1.375	32.56
27X12X1.125/1.500T	92.89	382.2	528.7	6447.1	10.8	16.9	12.2	48.38	28.50	1.125	12.00	1.500	32.70
24X14X1.000/1.750T	93.12	325.1	556.7	5400.2	9.8	16.6	9.7	46.50	25.75	1.000	14.00	1.750	26.31
27X14X1.125/1.375T	2	384.8	555.4	6579.7	10.8	17.1		49.63	28.38	1.125	14.00	1.375	32.56
27X13X1.125/1.500T	95.77	386.7	558.2	6638.9	10.8	17.2	6	49.88	28.50	1.125	13.00	1.500	32.70
24×15×1.000/1.750T	100	327.7	587.2	5534.7	9.6	16.9	9.4	50.25	25.75	1.000	15.00	1.750	26.31
125/11.750T	98.65	393.1	582.6	6880.6	10.8	17.5		51.38	28.75	1.125	12.00	1.750	32.98
27X15X1.125/1.500T		394.6	616.6	6992.7	10.8	17.7	_	52.88	28.50	1.125	15.00	1.500	32.70
27X13X1.125/1.750T		397.6	616.4	7084.4	10.8	17.8	2	53.13	28.75	1.125	13.00	1.750	32.98
27x12x1.125/2.000T		403.0	634.6	7286.4	10.9	18.1	11.5	54.38	29.00	1.125	12.00	2.000	33.26
27X14X1.125/1.750T		401.6	6.649	7276.2	10.0	18.1	11.2	54.88	28.75	1.125	14.00	1.750	32.98
27X13X1.125/2.000T		407.4	672.7	7500.6	10.9	18.4	2	56.38	29.00	1.125	13.00	2.000	33.26
30x15x1.250/1.500T		480.7	715.7	9219.8	11.7	19.5	6	60.00	31.50	1.250	15.00	1.500	40.08
30x16x1.250/1.500F		485.3	747.9	9436.2	11.7	19.4	9	61.50	31.50	1.250	16.00	1.500	40.00
30X14X1.250/1.750T	0	4.89.5	751.6	9578.4	11.8	19.6	12.7	62.00	31.75	1.250	14-00	1.750	40.39
30X17X1.250/1.750T		503.2	862.2	10266.9	11.7	20.4	11.9	67.25	31.75	1.250	17.00	1.750	40.39
30x15x1.250/2.000T		9.905	860.3	10382.9	11.8	20.5	15.1	67.50	32.00	1.250	15.00	2.000	40.70
30x16x1.250/2.000T		511.1	902.0	10623.4	11.8	20.8	11.8	69.50	32.00	1.250	16.00	5.000	40.70
33X17X1.375/1.750T		607.0	985.5	13264.7	15.7	21.9	13.5	75.13	34.75	1.375	17.00	1.750	48.55
33X15X1.375/2.000T	144.73	610.8	984.0	13402.7	15.7	21.9	13.6	۳.	35.00	1.375	15.00	2.000	48.90
33×16×1.375/2.000T		616.7	1029.2	13713.9	12.7	25.2	13.3	77.38	35.00	1.375	16.00	2.000	48.90
33X17X1.375/2.000T	152.41	622.1 1	9.4201	14011.9	12.7	22.5	•	79.38	35.00	1.375	17.00	2.000	48.90
36X16X1.500/1.750T		717.4	1077.1	16496.7	13.6	23.0	m	82.00	37.75	1.500	16.00	1.750	57.47
36X17X1.500/1.750T		724.3	1120.0	16852.1	13.6	23.3	15.0	83.75	37.75	1.500	17.00	1.750	57.47
36X15X1.500/2.000T	161.28	728.5	1118.7	17013.9	13.7	23.4	~	84.00	38.00	1.500	15.00	2.000	57.84
36X16X1.500/2.000T		735.9	~	17408.5	13.7	23.7	14.9	86.00	38.00	1.500	16-00	2.000	57.84
											-		

HEAR	AREA	94.	.73	.74	-92	.93	.74	.93	1.00	1.02	1.25	1.48	1.27	1.50	1.73	1.52	1.75	1.77	1.75	1.77	1.92	2.51	2.23	25.5	2.25	6.24	2.23	2.54	3.40	2.56	3.45	3.77	3.44	3.80	3.47	2.50	3.82	***	2.00	3.47	3.85		3.85	•	•
	CK	_	.258	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	. 438	.375	.436	.500	.375	.500	. 438	26	. 200	50		438	563		•				2	m :	,		•	m	.563	.625	.563	.500
3	DIH					5.00		-	•				3.00				•			4.00	0	00 - 7	0	0	0	9	2.00			0	0	00-4	0	0		9	00.4	2.00	0	0	0	0	2.00	6.00	2.00
MEB	THICK	.125	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	31	212	.375	.313	.375	.375	.375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	~	.438
	DEPTH	3.19	3.25	3,31	4.25	4.31			3.38	3.44	4.38	5.31	4.44	5.38		2.44		*		6.44		7.38					. "	7 . 50	1	.5	.5	3.44	.5	.5	8.63						9.56	.5		. 5	10.50
	AREA	.75	1.06	1.19	1.25		1.50	1.69		5.06	2.13	5.19		2.38		2.56	9	80		3.25	.5	3.69			-		4.38	* * *	0 0	. 0	0	-	N	M	5.50	2	0	5.61	∞ .	-		m.	6.50		6.88
	YF	3.3	3.3		4.2	4.2	3.2	4.1	3.2	3.2	6.0		6.0						5.5	2.4	4.6	6.1	5.3	6.1	5.3		5.1	•	6.7	5.7	6.7	7.4	9.9	7.3	9.9						7.0	6.1		8.9	
	4 b	• 5	9.	9.		••		6.		6.	1.0	1.1			1.3	1.2	1.4	1.5	1.5	1.7	1.5	1.9	1.8	2.0	1.9	7.1	2.0	2.0	2.3	2.4	5.5	5.6		2.8	2.7	9.2	5.9		3.0	3.0	3.2	3.0	3.3	3.4	3.4
	œ		6.	6.	1.2	1.2	1:1	1.4	1.2	1.2	1.5	1.7	1.6	1.8	2.1	1.9	2.2	2.3	5.4	5.5	2.2	2.7	5.6	2.8	5.6	6.2	2.7		3.2	3.2	3.3	3.6	3.4	3.7	3.5	3.3	3.8	3.6	3.9	•	4.0	3.7	4.0	4.1	4.2
	-		7.7		3.	15.9		:				34.2	27.8	38.6		45.9	6.55	61.7		73.9	59.5	95.1			-	•		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	142.8	140.3	154.1	183.5	164.9	:	175.9	•	:	0	•		0	207.1	252.1	261.6	283.9
HODOLUS	ZFL	1.8	2.3	2.7	3.3	3.8		5.1	4.5	5.1	6.2		6.9		8.8	8.9	6.6	;	12.2	13.6	12.8	15.5	2.	-	-		18.8	2000	21.2	;	3.	24.7	2.	.9	26.8			6	31.1	31.7	33.7	33.7	36.3	38.6	37.0
SECTION	ZPL	11.3	13.1			21.1			18.2	19.2	25.5	31.5	26.7	33.0	39.0	34.5	40.7	42.3	43.2		37.8	51.2	46.1	52.8	47.2		6.24		61.0	57.6		69.3	0.49	71.0	65.3	29.0	72.5	2.99			6.42			6.92	
	HT/FT	1.44	5.04	2.28	2.40	59.2	2.88	3.24	9.		4.09	.2	4.44	.5	•	•		3.	5.76	2.				•	7.93	•	•	20.00		9.60		•			10.56	•	•	•	•	•	•			•	
	SIZE	.188T	.250T	.313T	.250T	.313T	.3131	.313T	.375T	.438T	.375T	.3131	.43BT	.3757	.313T	.438T	.375T	.438T	.375T	.4381	.500T	.375T	.500T	.4381	.5631	1006.	1005.	TOUS	4367	. 5631	.500T	.438T	.563T	.500T	1629.	. 5631	.5631	.5631	.5001	1629.	. 5631	.563T	· 625T	.5631	.500T
	S					.188/						.250/	1052.	1052.	.250/	1052.	.250/	.250/	.250/	.250/			.313/					1212							.375/					.375/			.375/	.375/	.438/
	NOMINAL					4x 5x											6x 3x						8x 4x				74 YX		8X 4X	7x 5x					8x 4x								3x 2x	x9 x6	

.625 IN. PLATE (AREA= 8.98 SQ.IN.)

~	_	10	_		_						.0	•	•	•	~		•	2	•			\$		•		•	•	•										~	~				_		4	
SHEAF	AREA	3.8	4.9	6.4	4.0	4.5	4.90	4.96	4.93	4.54	4.9	4.5	6.5	4.98	6.6	4.96	6.5	9.9	4.98	9.9	4.5	99.9	6.15	69.9	99.9	9.9	8.5	9.9	8.6	2.9		6.0	9.66	7.67	8.6	8.7	7.6	8.7.	8.7	8.8		7.6	8.8	9.		
NGE	THICK	N	26	.625	.688	.750	.563	.6.9	.6.5	.750	.688	.688	.563	.750	.625	.688	.563	.688	.750	.625	.750	.688	.875	.750	.688	.750	•629	.750	.688	.875		. 875	.750	1.000	.750	.875	1.000	.875	.875	•	1.125	.00	0	1.125	-	
B FLA		6.00	5.00	5.00	6.00	5.00	6.00	5.00	6.00	6.00	6.00	0	0	6.00	2.00	7.00	:			6.00		0	2.00	0	7.00	7.00	6.00	8.00	6.00	2.00	000	8	7.00	7.00	8.00	7.00	8-00	8.00	9.00	8.00	2.00	10.00	9.00	9.00	8.00	
WE3	THICK	.375	.438	.438	.438	. 438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	.438	.500	.438	.500	.500	.500	.500	.500	.563	.500	.563	.500	. 263	.500	.563	. 563	. 563	.563	.563	. 563	.563	.563	•625	.563	.563	.625	.625	
	DEPTH	9.63	10.56	10.63	8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	12.56	12.69	10.75	12.63	9.75	12.69	12.88	12.75	15.69	12.75	14.63	12.75	14.69	12.88	14.72	12.88	14.75	13.00	14.75	14.88	0		8	15.00	-	13.00	0	13.13	-	
	AREA	7.13	7.19	7.50	7.63	7.69	7.75	7.81	7	34.8	.5	~	8.81	80	-:	9.19	9.38		9				10.38	10.50	10.81	11.25	11.63	15.00	12.00	12.13	12.38	13.00	13.13	13.75	13.88	-	~				9.	~		1.6		
	4	6.7	7.6	7.5	6.6				7.3	6.9	7.2	6.3	8.8	7.1	8.7	6.9	8.5	8.6	6.8	8.4	0.9	8.3	8.4	8.2	8.0	6.2						7.4	9.6		8.7				8.2		8.4		7.9	6.8		
	Y	3.6	3.6	3.7	3.4	3.6	3.8	3.9	4.0	3.9	4.2	4.0	4.4	4.3	4.6	4.4	4.7	4.7	4.6	6.4	4.4	2.0	5.1	2.5	5.3	5.5	2.8	2.5	2.9	2.8	6.3	2 - 4	6.4	6.1	2.9	2.9	4.9	7.1	7.3	7.4	7.4	6.9	7.7	7.0		
	œ	4.2	4.3	3	3.8	3	4.4	4.5	4.5	4.3	4.6	4.3	5.1	4.7	5.1	4.7	5.5	2.5	4.8	5.3	4.4	5.4	5.4	5.4	5.5	5.5	6.0	2.6	1.0	2.6	1.0	1.0	6.2	5.7	6.3	4.9	2.1	4.9	6.9	6.9	6.5	5.8	9.9	5.8	6.5	
	H	278.6	302.3	319.6	238.0	287.0	331.1	337.2	351.1	316.1	370.3	325.4	55.		479.3	401.4	94.	502.6	421.7	21.	367.3	547.3	569.4	572.9	589.5	617.6	739.1	658.4	771.8	670.3	9004-1	715.0	862.3	30.	16.	30.		.68	0			6.658		:	1138.5	
MODULUS	ZFL	41.6	39.8	42.5	40.1	45.6	45.1	45.3	48.4	8.8.	51.7	51.5	52.0	55.5	55.3	58.5	58.3	58.6	62.0	2.29	61.3	66.0	68.1	70.0	73.5	78.2	17.9	86.3	82.3	87.1	000	96.5	96.1	97.5	105.4	106.2	108.0	117.1	127.8	128.7	128.2	128.8	140.8	130.4	141.5	
SECTION	ZPL	78.2	84.1	85.6	70.6	79.1	86.3	87.0	87.8	81.0	89.1	81.4	102.8	90.5	104.6	6.06	0	106.3	92.1	107.3	83.8	108.9	110.6	110.5	111.2	112.7	128.1	114.6	130.0	115.4	4 22 8	117.3	134.6	119.1	137.0	137.9	120.9	140.2	2	143.1	2	123.8	45.	156.1	47.	
														17.05													33	50	50	53	- 2	9	21	40	69	88	32	25	30.24	64						
	SIZE	.6251	. 563T	.6251	.688T	.750T	. 563T	.688T	.6251	.750T	.688T	.688T	.5631	.750T	. 62 51	•	•				•	•		.750T		.750T		.7501		1678.			75	-			:	•	.875T	.563/1.000T	25/1.1257	8	00	1-1251	.12	
		u	438/	438/	438/	438/	438/	4	4381	-5	438/	3	2007	3	2007	4381	2007	2007	438/	2007	438/	2007	2007	2007	2007	2007	563/	2007	5637	1004	5637	5007	563/	563/	563/	12831	563/1	263/	563/	563/	1929	5	S	62	1/529	
	NOMINAL	. x9			. x9	5x .	. x9	5x .	. x9	. x9	. x9	. X	5x .	. x9	5x .	. x	• x9	5x .	7x .	. x9	8x .	ex .	5x .	. x9	. X	×.	. x9	. x8	. x9			. ×	× ×		8x .	. X	8x .	8x .	. x6	•	×	. X0	. ×6	. x6	8x .	
	Z	×6											12X	10x											12×								14X			14×	12X	14X	14X	14×	14X	12X1	14X	12x	14X	

								******	*** BEAN	DIMEN		******	
	S	ECTION	HODOL US	S						WEB F	FLA	2	
NOMINAL SIZE	=	14Z	ZFL	INERTI	œ	4 A		1.4	-	THICK		THICK	
×	99	167.9	141.7		7.1	9.1	9	-	0	.688		1.000	
12X10X . 625/1.125T	00	127.5	141.9		5.8	7.2	2	-	-	.625		1.125	
×	18	170.9	55.		7.2	9.4	2		0	.688		1.000	
16X 7X .688/1.250T	35	174.3	163.4		7.2	1.0	~	-	2	.688		1.250	
X6	0 5	173.4	168.7		7.2	8.7	6		0	.688		1.000	
8 ×	36	194.6	67.		7.7	9.0	2	10		.750		.875	
X6	60	154.3	.69		6.9	8.3	9	•	2	.688		1.250	
16X10X .688/1.000T	32	175.7	82.		7.2	9.0	1	-	0	.688		1.000	
16x 9x .688/1.125F	25	176.7	82.		7.3	9.6	1	-	-	.688		1.125	
×6	90	197.8	81.		7.8	9.3	2	-		.750		.875	
8x .750/1		198.9	161.8	1863.9	7.8	9.6	-	10	0	.750		1.000	
XO.	72	178.9	97.		7.3	9.3	3	A.	-	.688		1.125	
16X11X .688/1.1257	68	180.8	12.		7.3	9.6	2	-	-	.688		1.125	
16x 9x .750/1.1257	37	206.0	12.		8.0	9	1		-	.750		1.125	
1x	*	207.3	26.		8.0	0		10	0	.750		1.000	
18x 9x .750/1.250T	25	209.5	28.		9.0	0	5	-	2	.750		1.250	
18X11X .750/1.1257	69	211.1	45.		8.0	0	-	•	-	.750		1.125	
18X10X .750/1.250T	36	212.3	.94		8.0	0	2	-	2	.750		1.258	
18X12X .750/1.125T	8	213.3	61.		8.0	0	6		-	.750		1.125	
18X11X . 750/1.250F	32	214.6	64.		9.1	-	6		N	.750		1.250	
21X 9X .875/1.1257	72	6.952	63.		8.9	11.5	~	-	-	.875		1.125	
	16	223.4	262.9	2430.4	8.0	10.9	2	N	5	.875		1.50	
×	89	260.7	92.		6.0	-	6.0		-	.875		1.125	
	10	565.8	98		9.0	~	9.0		3	.875		1.375	
	*0	264.1	01.		9.0	N	9.0	-	-	.875		1.125	
×2.	21	267.1	20.		9.0	~	0.3	~	-	.875		1.125	
	12	569.8	15.		9.1	15.5	1	-	3	.875		1.500	
	69	9.692	21.		9.1	~	0.5	_	m	.875		1.375	
	60	573.6	9		9.1	~	0.3	-	3	.875		1.500	
	35	272.9	43.		9.1	~	0.5		m	.875		1.375	
21X11X .875/1,500T	16	516.9	94.		9.1	3	0.0	-	5	.875		1.500	
24X10X1.000/1.125F	99	320.6	43.		8.6	3	5.4		-	1.000		1.125	
21X13X .875/1.375T	9	518.6	88.		9.1	3	9.6		m	.875		1.375	
24X11X1.000/1.125T	92	325.0	94.	3	6.6	m	-	-	-	1.000		1.125	
21X12X .875/1.500T	85	279.8	89.	3	9.1	3	1	-	S	.875		1.500	
24x12x1.000/1.125T	00	329.0	. 5	570.	6.6	~	6	10	-	1.000		1.125	
21X14X .875/1.375T	52	281.0	10.	837.	3.1	13.7	2		~	.875		1.375	
24X10X1.000/1.375T		331.8	.98	642.	10.0	14.0		-	m	1.000		1.375	
21X13X .875/1.500T	73	282.4	12.		9.1	13.7		-	3	.875		1.500	
24X10X1.000/1.500T	98	336.9	07.	819.	ċ	14.3		-	5	1.000		1.500	
24×11×1.000/1.3757	13	336.3	411.6	3.	10.0	14.3	~	_	m	1.000		1.375	
21X14X .875/1.500T	61	284.8	437.1			14.0	-	-	5	.875		1.500	
24X11X1.000/1.500T	77.76	341.4	435.0	4.1664	10.0	14.6	11.5	40.50	25.50	1.000	11.00	1.500	
*****									u	A76		1.500	
100001 /C/00 YCTYT	•	6.007	. 10	:	7.1	14.3	,	•	n			***	٦,

	SHEAR	AREA	6.01	26.13	20.23	26.38	26.01	26.13	26.01	26.38	26.13	26.13	26.38	32.63	2.63	32.77	6.38	32.63	32.77	6.38	33.05	32.77	3.05	33.33	33.05	33.33	40.16	40.16	14.04	40.47	40.78	40.78	49.64	\$6.94	96.94	48.98	57.56	17.56	57.94	1.94
****		ICK			1.500 2	_		_		_	1.500 2	_	1.750 2	1.375 3		1.500 3	1.750 2		_	_	1.750 3	_	1.750 3	_	9		:	_	_	20	_	_	_	_	_		_		:	2.000 5
SASSAS SNU	u.			12.00		_					_		_		_	_	_	_	_	_	00	_	:	12.00		_	15.00	_	_	_	_	_	_	_	_	2	2	17.00	15.00	16.80
DIMENSTONS	WE3	THICK	1.000	1.000	.875	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.125	1.125	1.125	1.000	1.125	1.125	1.000	1.125	1.125	1.125	1.125	1.125	1.125	1.250	1.250	1.250	1.250	1.250	1.250	1.375	1.375	1.375	1.375	1.500	1.500	1.500	1.500
** 8504	200	DEPTH 1			22.50		25.38	25.50	25.38	10			25.75	28.38	28.38	28.50	25.75	•	_				28.75			_	_							35.00	35.00	35.00	37.75	37.75	38.00	38.00
******		_	41.88	_	42.38	43.25	43.25	43.50	44.63	45.00	45.00	46.50	64.75	46.88	48.25	48.38	48.50	49.63	49.88	50.25	51.38	52.88	53.13	54.38	54.88	56.38	60.00	61.50	62.00	67.25	67.50	05.69	75.13	75.38	77.38	79.38	82.00	83.75	84.00	86.00
		YF	11.1	11.2	9.0	11.1	10.8	10.9	10.6	10.8	10.6	10.3	10.5	12.9	12.6	12.7	10.2	12.3	15.4	6.6	12.3	11.8	12.0	12.0	11.7	11.6	13.4	13.1	13.2	15.4	12.5	12.2	13.9	14.1	13.8	13.5	15.7	15.5	15.6	15.3
		4 A	14.9	15.0	14.5	15.3	15.2	15.3	15.4	15.6	15.5	15.8	15.9	16.1	16.4	16.4	16.2	16.7	16.7	16.5	17.1	17.3	17.4	17.7	17.7	18.0	18.8	19.0	19.5	20.0	20.1	20.4	21.5	21.6	21.9	25.2	22.6	55.9	23.0	23.3
		œ	10.0	10.1	9.0	10.1	10.0	10.1	10.0	1001	10.1	10.1	10.1	10.9	11.0	11.0	10.1	11.0	11.0	10.1	11.1	11.0	11.1	11.1	11.1	11:1	11.9	11.9	12.0	12.0	12.0	12.0	12.9	13.0	13.0	13.0	13.8	13.8	13.9	13.9
		INERTIA	5130.3	5165.4	4185.8	5349.5	5275.1	5326.3	5410.9	5528.4	2474.7	5616.4	2696.4	6665.7	6868.5	6911.9	5050.9	7057.6	7120.9	6001.0	7382.1	7507.3	7604.8	7822.5	7814.6	8057.1	9824.9	10058.5	10208.9	10953.9	11075.9	11336.9	14054.9	14199.4	14532.8	14852.5	17373.6	17750-1	17918.8	16337.4
	MODULUS	ZFL	462.5	49294	484.7	6.084	487.6	490.1	512.1	512.4	517.0	544.1	543.8	516.2	544.5	544.5	574.2	571.9	8.416	605.7	600.1	634.8	634.8	653.7	669.3	695.9	735.7	7.897	172.1	886.1	904.4	927.2	1011.1	1.6001	1056.0	1102.5	1103.4	1147.1	1146.0	1196.1
	SECTION	ZPL	344.0	345.4	288.9	350.8	347.4	349.1	350.5	354.7	352.4	355.4	358.3	414.3	419.0	450.6	361.5	453.5	455.5	364.4	432.4	434.0	437.2	443.0	441.5	447.7	523.4	528.3	532.7	547.3	551.0	555.8	10			4.019		-	179.4	7.07
		T/FT			•		•	83.52	85.69	86.40	86.40	89.28	89.76	90.01	95.64	92.49	93.12	95.29			98.65	101.53	105.01	104.41	105.37	108.25	115.20	118.08	119.04	123.12	129.60	133.44	144.25	144.73			157.44	160.80	161.28	165.12
		NOMINAL SIZE	24X13X1.000/1.375T	24X12X1.000/1.500T	21X16X .875/1.500T	24X11X1.000/1.750T	24x14x1.000/1.375T	24X13X1.000/1.500T	24X15X1.000/1.375T	24X12X1.000/1.750T	24×14×1.000/1.500T	24x15x1.000/1.500T	24x13x1.000/1.750T	27X12X1.125/1.375T	27X13X1.125/1.375T	27x12x1.125/1.500T	24x14x1.000/1.750T	27X14X1-125/1-375T	27x13x1.125/1.500T	24X15X1.000/1.750T	27x12x1.125/1.750T	27X15X1.125/1.500T	27×13×1-125/1-750T	27X12X1.125/2.000T	27X14X1.125/1.750T	27x13x1.125/2.000T	30x15x1.250/1.500T	30x16x1.250/1.500T	30X14X1.250/1.750T	30x17x1.250/1.750T	30x15x1.250/2.000T	30x16x1.250/2.000T	33X17X1.375/1.750T	33x15x1.375/2.000T	33x16x1.375/2.000T	33X17X1,375/2,000T	36x16x1.500/1.750F	36x17x1.500/1.750T	36×15×1.500/2.000T	5x1.500/2.000T
		NO	24X13	24×12	21X16	24X11	24×14	24X13	24X15	24×12	24×14	24X15	24×13	27X12	27×13	27×12	24×14	27×14	27×13	24X15	27X12	27X15	27×13	27×12	27×14	27×13	30×15	30×16	30×14	30×17	30×15	30×16	33X17	33×15	33×16	33×17	36×16	36×17	36×15	36×16

0.6250 - 5/8 in.

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	SHEAR	AREA	94.	.74	.75	.93	*6.	.75	*6*	1.02	1.03	1.27	1.50	1.28	1.52	1.75	1.53	1.77	1.78	1.77	1.78	1.94	2.53	2.25	2.54	2.27	2.56	2.25	2.58	2.56	3.42	2.58	3.45	3.60	3.47	3.82	3.49	2.58	3.84	3.47	3.82	3.49	3.84	3.47	3.87		
*******	NGE	THICK	.188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	.438	.375	.438	.500	.375	.500	.438	.563	.500	.500	.563	.500	.436	.563	.500	.438	.563	.500	.625	.563	.563	.563	.500	.625	.563	.563	.625	.563	.500
	-	HIDIM	2.00	2.00	2-00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	00-4	4.00	4.00	4-00	4.00	4.00	5.00	4-00	2.00	00-5	2.00	4.00	00 - 7	4.00	4.00	4.00	6.00	7000	2.00	2.00	5.00	2.00		5.00		
	MEB.	THICK	.125	.188	.188	.188	.188	.188	.168	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.375	.375	.375	.375	.375	. 313	.375	.375	.375	.375	.375	.375	.375	.375	438
HEAH		DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	6.44	6.38	6.44	5.50	7.38	6.50	7.44	6.56	7.50	6.50	7.56	7.50	9.44	7.56	8.50	3.44	8.56	9.50	8.63	7.56	9.56	8.56	9.50	8.63		8.56		9.56	
******		AREA	.75	1.06	1.19	1.25	1.38	1.50	1.69	1.88	2.06	2.13	2.19	2.31	2.38	2.44	5.56	2.63	2.81	3.00	3.25	3.56	3.69	3.88	3.94	4.13	4.19	4.38	4.44	69.4	4.75	2.00	2.00	5.13	5.25	5.38	5.50	95.5	5.63	5.81	5.88		6.19	6.38	6.50	6.75	A A A
		4.	3.4	3.4	3.4	4.3	4.3	3.3	4.2		3.3	4.1		4.2		5.8	5.0	5.8	5.8	5.7	9.6		4.9	5.5	6.3		6.3	5.3	2.9	6.1	7.0	6.0	6.9	7.7	6.9	7.7	6.9	5.8	7.6		7.4	9.9	7.4		7.3	7.1	
	•	4	.5	9.	9.							6.	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.4	1.7	1.7	1.8	1.8	1.9	1.8	2.0	2.1	2.1	2.2	2.2	5.4	5.4	5.5	5.5	5.4	5.6	5.6	8.8	2.7	5.9	2.8	3.0	3.1	2 2
		~	~	•	6.	1:1	1.2	1.0	1.3	1:1	1.2	1:4	1.7	1.5	1.7	2.0	1.6	2.1	2.2	2.2	2.3	2.1	9.2	5.4	2.7	5.5	2.8	9.2	5.9	3.0				3.5	3.3	3.6	3.4	3.2	3.7	3.5	3.7	3.5	3.8		3.9		
		INERTIA		8.1	9.6	14.3	16.6	12.8	21.7	15.4	17.3	26.2	35.8	29.3	40.4	52.1	65.0	58.5	9.49	8.69	17.7	61.9	100.1	88.5	110.1	96.0	120.1	102.0	130.1	137.7	151.0	149.2	163.2	194.1	175.0	209.1	187.0	166.8		198.9	235.4	212.9		221.5	269.1	279.1	302.5
	MODUL US	747	1.8	5.4	2.8	3.3	3.9	3.9	5.5	4.7	5.5	6.3	7.2	7.0	9.1	8.9	9.0		11.2	12.3	13.8	13.0	15.7	16.0	17.4	17.5	19.1	19.1	20.9	22.6	21.6	24.8	23.5	25.2	25.4	27.3	27.3	58.6	29.4	8.62	31.7	32.2	34.3	34.3	36.9	39.5	17.7
	SECT ION	747	11.9	14.0	15.6	21.2	23.1	18.4	26.4	20.1	21.4	28.5	35.3	30.0	37.3	2.44	39.1	46.3	48.3	4.64	51.4	43.4	59.0	53.1	61.0	24.6	65.9	55.5	64.5	4.59	7.07	67.1	72.6	4.08	74.3	82.5	76.0	0.69	84.3	77.2	85.5	78.7	87.4	19.4	89.1	89.8	96.9
		HI/FI	1.44	5.04	2.28	2.40	5.65	2.88	3.24				4.20	4.44	4.57	4.68	4.92	50.5	5.40	5.76	6.24	6.84	2.08	2.45	7.56	7.93	9.04	8.41	8.52	9.00	9.12	9.60	9.50		10.09	10.33	10.56	10.63	10.91	11.16	11.29				12.48		
	,	37	.188T	. 25 OT	. 31.37	.250T	. 31.3T	. 3131	.313T	.3751	-4381	.3751	.3137	.438T	.3751	.313T	.4381	.375T	.438T	.3751	.438T	.500T	.3751	. 500T	.438T	. 563T	. 500F	.500T	.5631	.500T	.4381	. 56 3T	.500T	.438T	.5631	.500T	. 625T	. 563T	. 563F	.563T	-500T	.625T	.5631	.563T	.6257	.563T	20
		3		188/		.188/			.188/		2507																			313/																3751	438/
		-		•						3x .	•	•	•	•	•	•	•	•	•	•	•	•	tx.	•	•	4×	•	•	•	•	•	•	•	•	•	•	•	. x9	* × *	5x .	5x .	5x .	5x .	. x9	5x .	. x9	
			3×	3×	3×	**	X*	3×	**	3×	3×	X *	5×	×	2×	×9	2×	¥9	¥9	¥9	¥9	2×	7×	¥9	×	¥9	*	<b>9</b>	×	×	×	×	×	×6	×	X6	×	×	×6	8 ×	×	*	×6	8 X	×6	×6	1 0 X

.666 IN. PLATE (AREA = 10.87 SQ.IN.)

	SHEAR	AREA	3.87	4.93	96.4	4.11			4.98	96.4	4.57	4.98	4.55	6.62	5.01	99.9	4.98	6.62	69.9	5.01	99.9	4.57	69.9	9.19	6.72	69.9	6.72	8.62	21.9	9.00	0	8.66	6.78	8.69	7.71	8.69	9.16	7.71	8.76			9.89					
*******	NGE	THICK	.625	.563	.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.688	.750	•629	.750	.688	.875	.750	.688	.750	•629	.750	. 668	200	.688	.875	.750	1.000	.75	.875	1.000	.875	.875	1.000	1.125	1.000	1.000	1.125	1.125	
	FLA		6.00	2.00	5.00	6.00	2.00	6.00	2.00	6.00	6.00	6.00	7.00	0	6.00	5.00	7.00	6.00	0	0	6-00	0	0	0		0	0	0		0		7.00	9-00	0		8.00			8.00			:	-	:	8.00	-	
		THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	.438	.500	.438	.500	.500	.500	.500	. 500	.563	.500	.563	0000	565	.500	.563	.563	.563	.563	.563	.563	.563	.563	• 625	.563	.563	. 625	• 625	
**** BEAY		DEPTH	9.63	10.56	10.63	69.9	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	w	10.69	12.56	12.69	10.75	12.63	9.75	9		12.75	12.69		14.63	12.75	14.69	12.00	14.69	12.88	14.75	13.00	14.75	14.68	13.00	14.88	14.98	15.00	15.13			13.13		
****		AREA	7.13	7.19	7.50	7.63	1.69	7.75	7.81	8.13	8.44	8.50	8.75	9.81	8.88	9.13	9.19	9.38	9.44	9.63	9.75	9.64	10.13	10.38	10.50	10.01	11.25	11.63	12.00	12.00	12.13	12.69	13.00	13.13	13.75	13.88	14.00	14.75	14.88	15.75		9.			17.63		
		46	7.1	0.0	7.9	6.3	7.1	7.7		1.6	6.8	1.6	2.9	9.2		9.1		6.9	9.0	7.2	8.8	9.4			9.6			10.0	8.1	6.6	7.0	9.6	6.2			9.5						8.9	7:1		7.2	8.5	
		YP	3.3	3.3	3.4	3.1	3.3	3.5	3.6	3.7	3.6	3.8	3.7	4.1	4.0	2.4	4.1	4.3	4.4	4.2	4.5	4.1	4.6	4.8	8.4	4.9	5.1	2.4	5.3	2.5		8.8	5.7	6.0	2.1	6.3	6.3	9.0	9.9	6.9	6.9	6.9	6.5	7.2	9.9	7.3	
		œ	4.1	4.2	4.3	3.7	4.1	4.5	4.4	4.5	4.2	4.5	4.2	2.0	4.6	5.1	4.6	5.1	2.5	4.7	5.5	4.4	5.3	2.4	2.4	2.4	5.5	2.9		9.0	2.0	2.9	5.7	6.2	2.1	6.3	4.9	2.1	6.5	6.5					2.0		
		Z	298.5	322.6	341.7	255.9	307.9	354.5	361.1	376.6	340.4	397.9	351.0	4.86.8	419.8	513.3	432.8		538.9	455.6	560.2			612.8	616.9		0.799	794.1	713.1	830.2	1.00/	891.6	776.9	930.8	793.0	991.0	1006.8	6.948	1073.2	1134.6	1151.4				6.496		
	MODOLUS	ZFL	42.3	40.6	43.3	40.8	43.4	45.9	46.2	49.3	49.8	52.7	52.5	53.1	2.95	56.5	59.3	59.6	8.65	63.2	63.5	65.5	67.4	9.69	71.4	75.1	6.62	1.62	88.1	2.48			98.6	38.4	1.66	107.9	108.7	110.6	119.8	130.7	131.7	131.4	131.8	144.1	133.7	145.1	
	SECTION	ZPL	91.5	6.16	1.66	82.4	92.3	100.6	101.4	102.4	9.46	104.0	95.1	119.4	105.7	121.5	106.2	122.5	123.4	107.7	124.7	98.1	126.6	128.6	128.5	129.3	131.2	148.2	133.4	150.4	154.4	153.7	136.6	155.8	138.3	158.5	159.6	140.5	162.4	164.7	165.7	167.7	143.9		9		
		HT/FT	13.69	13.80	14.40	14.65	14.76	14.88	15.00	15.61	16.20	16.32	16.30	16.92	17.05	17.53	17.64	18.01	18.12	18.49	18.72	19.08	19.45	19.93	20.16	20.76	21.60	22.33	23.04	23.04	22 22	24.36	24.96	25.21	04.92.	56.65	26.88	28.32	28.57	30.24	30.49	31.93	32.16	32.41	33.85	34.08	
		SIZE	.625T	.563T	1629.	.688T	.750T	.563T	.688T	.625T	.750T	.688T	.688T	. 563T	.750T	.625T	.688T	. 563T	.688T	.750T	· 625T	.750T	.6881	.8751	.750T	.688T	. 750T	. 6251	1057.	-6881	75.7	FART	.875T	.750T	L. 000T	.750T		1.000T	.8751	37	8	115	8	00	1.1251	115	
			.375/	.438/	.438/	.438/	.438/	.438/	. 438/	.438/	.438/	.438/	. 438/	1005	.438/	1005	.438/	.5007	2005	1984	2007	1984	1005	2005	2000	2005	2005	.563/	2000	.563/	1004	5637	2005	.563/	.563/1	.563/	.563/			. 563/	.563/1	. 625/1	. 563/1	.563/	. 625/1	.625/1	
		Z	¥9	2×	2x	<b>6</b> ×	2	<b>8</b>	2×	¥9	×9	<b>8</b>	X	2×	<b>9</b>	2X	×	<b>2</b>				1		2×		×	× .						8 X	×	X	8 i	×	× 0	×	×6	8 8		-		×6	8 ×	
			×6	10x	10X	80 X	X6	1 0×	10x	10x	X6	1 0×	X6	12×	10X	12X	10X	12X	12X	10×	12X	×6	12X	12×	12X	15x	15X	14X	12X	¥ 5	164	16.	12x	1 4×	12x	14×	14×	12X	14×	14X	14×	t ×	12x	14×	12X	14×	

		1							*** BEAN	DIMENSION	*		
		SECTION	MODULUS	S							7	ANGE	SHEAR
NOMINAL SIZE	WT/FT	ZPL	ZFL	INERTI	œ	YP	YF	Œ	DEPTH	THICK	THO		AREA
	34.56	192.6	7	465.		1.6	10.1	18.00	17.00	.688	7.00		12.17
.625/1.12	36.00	147.8	7	013.		6.9	7.0	18.75	13.13	•625	10.00		9.94
.688/1.00	36.48	196.0	12	1553.5		6.2	9.6	19.00	17.00	.688	8.00		12.17
	37.92	199.8	10	1636.1		8.2	2.6	19.75	17.25	.688	2.00		12.34
16x 9x -588/1.0001	30.40	190.9	173.1	1897.3	2.5	7.8		20.00	18.88	250		1.000	11.51
. 688/1.25	40.09	177.6	::	1398. F			8.1	20.88	15.25	.688	000		10.97
	40.32	201.5	1 2	1714.7		8.5	9.5	21.00	17.00	.688	10.00		12.17
.688/1.12	40.57	202.6	=	1734.2		8.6		21.13	17.13	.688	9		12.26
	41.05	225.4	-	1993.6		8.8		21.38	18.88	.750	9.00		14.68
	41.28	526.6	=	2015.6		8.9		21.50	19.00	.750	8.00		14.77
	42.72	205.1	20	1817.1		8.9		22.22	17.13	.688	10-00		12.26
	64.89	207.3	2	1893.2		9.1	8.7	23.38	17.13	.688	11.00		12.26
18x 9x .750/1.125T	45.37	234.6	2	2540.7		9.6		23.63	19.13	.750	9-00		14.86
18X11X . 759/1.000T	47.04	236.2	23	2308.4	9.7	9.8		24.50	19.00	.750	11.00		~
16x 9x .750/1.250T	47.52	238.6	23	2357.4	8.1	6.6	10.1	24.75	19.25	.750	9.00		14.95
18X11X . 750/1.125T	69.64	5.042	25	2438.7	9.1	10.1	4.6	25.88	19.13	.750	11-00		14.86
18X10X .750/1.250T	49.92	241.7	25	2464.7	8.2	10.2	9.7	26.00	19.25	.750	0	1.250	14.95
18X12X . 750/1.125T	51.84	242.9	26	2529.7	8.2	10.4	4.6	27.00	19.13	.750	0	1.125	14.86
18X11X .750/1.250T	52.32	244.4	27	2565.6	8.2	10.5	9.6	27.25	19.25	.750	0	1.250	14.95
21x 9x .875/1.1257	54.72	289.3	N	3193.2	9.0	11.0	11.8	28.50	22.13	.875	0	1.125	19.97
18x 9x .875/1.500T	56.16	252.8	270.	2638.1	8.1	10.4	9.6	53.62	19.50	.875	9.00	1.500	17.66
21X10X .875/1.125T	56.89	293.5	290.	30.	9.1	11.3	111.5	29.63	22.13	.875		1-125	
21x 9x .875/1.3757	59.04	299.2		;	9.5	11.7	11.4	30.75	22.38	.875	0	1.375	20.18
21x11x - 875/1-1257	59.04	2.762	309.	9	1.6	11.6	11.2	30.75	22.13	.875		1.125	19.97
212 CV 675/1-1251	61.21	300.6	529.	92	7.6	11.9	10.9	51.66	22 50	. 675	9 6	10129	19.97
21 x10x . A75/1. 2757	61.60	303.0	330	• .	9.5	12.0	7.11	32.13	22. 38	. 875	2	1.375	20.18
21×10× -875/1-500T	60.49	307.6		62	9.3	12.3	10.8	33.38	22.50	.875	10.00	1.500	20.29
21X11X .875/1.375F	64.32	307.0	353.	:	9.5	12.3	10.7	33.50	22.38	.875	0	1.375	20.18
21X11X .875/1.500T	16.99	311.4	374.	:	9.3	12.7		34.88	22.50	.875	0	1.500	20.29
24×10×1.000/1.1257	67.68	357.0	353.	:	10.0	15.8	13.0	35.25	25.13	1.000	0	1.125	25.85
21x13x .875/1.375T	69.60	313.3	399.	4051.9	9	12.9	10.1	36.25	22.38	.875	0	1.375	20.18
24X11X1.000/1.1251	69.83	361.8	200		10.0	13.1	15.7	30.38	22.13	1.000	9 6	1.125	20.62
21, 12, 10, 10, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	23.02	2 355	306	4004	? .	13.	75.01	37 50	26 . 2		2 6	1000	25.82
21x14x .875/1.3751	72.25	316.0	422	69	6	13.2		37.63	22.38	.875	0	1.375	20.16
24X10X1,000/1,375T	72.48	369.3	397.	9.0664		13.5	12.6	37.75	25.38	1.000	0	1.375	26.07
21X13X .875/1.500T	72,73	317.6	454.	4213.8		13.3	6.6	37.88	22.50	.875	0	1.500	20.29
50	74.88	376.9	419.	5183.7		13.8	12.4	39.00	25.50	1.000	0	1.500	-
24X11X1.000/1.375T	75.13	374.2	423.	5178.0	•	13.8	12.2	39.13	25.38	1.000	0	1.375	•
20	75.61	320.2	3	4337.0		13.5	9.6	39.38	22.50	.875	0	1.500	N
20	17.76	379.7	447	.62		14.2		40.50	25.50	1.000		1.500	26.19
	78.49	322.6	474.2	4451.7		13.8	4.6	•	22.50	.875	15.00	1.500	N
24X10X1.000/1.750T	19.68	385.1	462.	69829	•	14.4	12.0	41.50	25.75	1.000		1.750	56.44

0 M NODULUS								******	*** BEAH			******	
YEAR         YEAR         AREA         DEPTH         THICK         MIDH         THICK           475.7         556.2         10.2         14.4         11.6         41.00         25.36         1.000         12.00         13.00         13.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00         15.00	SECI	SECT ION	MODULUS							MEB	FLA	NGE	SHEAR
475.7         5527.6         11.2         14.6         41.6         41.6         55.36         1.010         12.0         1.5.7           498.8         5565.2         10.2         14.6         11.7         42.3         5.0         1.000         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	2PL	ب	ZFL	INERTIA	œ	4	YF	AREA	DEPTH	THICK	HIOIM	THICK	AREA
475.6         5965.2         11.3         14.5         11.7         42.6         56.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0	382.	9	475.7	5527.8	10.2	14.4		41.88	25.38	1.000	13-00	1.375	26.07
498.8         4565.0         9.3         14.0         9.1         42.3         25.7         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0 <t< td=""><td>384.2</td><td></td><td>475.6</td><td>5565.2</td><td>10.3</td><td>14.5</td><td></td><td>45.00</td><td>25.50</td><td>1.000</td><td>12.00</td><td>1.500</td><td>26.19</td></t<>	384.2		475.6	5565.2	10.3	14.5		45.00	25.50	1.000	12.00	1.500	26.19
694.9         5765.9         10.3         14.7         43.2         5.7         1.000         11.0         1.7         5.0           610.4         5677.6         10.3         14.4         11.4         43.2         5.5         1.000         14.0         1.03         16.0         11.4         43.2         5.5         1.000         15.00         1.2         5.0         1.000         15.00         1.000         15.00         1.000         15.00         1.000         15.00         1.000         15.00         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000	324.8		8.864	4561.0	9.3	14.0		42.38	22.50	.875	16.00	1.500	20.29
5687.8         110.3         14.7         11.3         43.25         55.36         1.000         14.00         1.59         26.00         1.000         15.00         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1			6.464	5765.9	10.3			43.25	25.75	8	11.00	1.750	56.44
578.3 0         110.3         14.6         11.4         43.50         25.50         1.000         15.00         1.590         26.00         1.500         1.590         26.00         1.500         1.590         26.00         1.500         1.500         1.500         1.500         25.7         1.000         1.500         1.500         26.00         26.00         1.500         1.500         26.00         26.00         1.000         1.500         1.500         26.00         26.00         1.000         1.500         1.500         26.00         26.00         1.000         1.000         1.000         1.000         1.000         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00         26.00	386.3		501.4		10.3	14.7	11.3	2	25.38	1.000	14.00	1.375	26.07
5838.0         110.3         15.0         11.1         44.63         25.38         1.000         15.00         1.375         26.38           5963.0         10.3         15.1         11.3         46.00         25.75         1.000         15.00         1.750         26.50           6150.1         10.3         15.1         11.1         45.00         25.50         1.000         14.00         1.500         26.00           6150.1         10.3         15.4         46.86         26.50         1.000         13.00         1.500         26.00           7331.6         11.1         15.6         13.4         46.86         26.36         1.125         12.00         1.375         26.00           7331.6         11.2         16.9         13.2         46.36         26.36         1.125         12.00         1.375         32.00           7331.7         11.2         16.9         13.2         46.36         26.36         1.125         12.00         1.375         32.00           7552.8         11.2         16.9         13.2         26.36         26.36         1.125         11.25         1.200         1.376         32.00         32.00         32.00         32.00	368.2		504.1	5743.0	10.3		11.4	43.50	25.50	1.000		1.500	26.19
\$965.8         \$10.3         \$15.1         \$11.3         \$45.00         \$25.75         \$1000         \$12.00         \$14.00         \$10.30         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00         \$20.00	389.7		526.6	5838.0	10.3		11.1	44.63	25.38	1.000	15.00	1.375	26.07
\$907.3 10.3 15.1 11.1 45.00 25.50 1.000 14.00 1.500 26.606.5 10.3 15.3 10.8 46.75 25.50 1.000 13.00 15.00 1.500 26.606.5 10.3 15.3 10.8 46.86 26.36 1.125 12.00 13.00 1.750 26.73 11.2 15.6 13.4 46.86 26.36 1.125 12.00 1.750 26.73 11.2 15.6 13.4 46.86 26.36 1.125 12.00 1.775 32.732.7 11.2 15.9 13.1 48.25 28.30 1.125 12.00 1.375 32.75 1.000 1.000 1.000 1.500 32.632.7 10.2 16.2 16.2 12.9 49.63 26.50 1.125 12.00 1.500 3.75 32.75 1.000 1.000 1.500 3.75 32.75 1.000 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250			527.3	5963.8	10.3	15.1	11.3	42.00	25.75	1.000	0	1.750	26.44
6064.5 10.3 15.3 10.8 46.50 25.50 1.000 15.00 1.500 26.65 10.10 11.500 1.750 26.65 110.3 15.4 11.0 15.0 1.0 1.750 26.75 1.000 1.000 11.500 1.750 26.75 1.000 1.000 11.500 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.00	391.8		531.7	5907.3	10.3	15.1	11:1	45.00	25.50	1.000	0	1.500	26.19
6150.1 10.3 15.4 11.0 46.75 25.75 1.000 13.00 1.750 26.75 1730.6 11.1 10.3 15.4 11.0 46.86 20.36 1.125 12.00 1.375 32.751.4 11.2 15.6 13.1 46.86 20.36 1.125 12.00 1.375 32.751.4 11.2 15.9 13.1 46.85 20.36 1.125 12.00 1.570 32.8 1.125 12.00 1.570 32.8 1.125 12.00 1.570 32.8 1.125 12.00 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.	95.		9.655	6064.5	10.3	15.3	10.0	46.50	25.50	1.000	15.00	1.500	26.19
7130.6 11.1 15.6 13.4 46.86 28.36 1.125 12.00 1.375 32. 7351.4 11.2 15.9 13.1 48.25 28.36 1.125 13.00 1.375 32. 7351.4 11.2 11.2 15.9 13.1 48.25 28.36 1.125 13.00 1.570 25. 6321.7 10.3 15.7 10.7 46.50 25.75 1.000 14.00 1.750 25. 7557.3 11.2 16.2 12.9 49.63 28.36 1.125 14.00 1.375 32. 7625.0 11.2 16.2 12.9 49.63 28.36 1.125 13.00 1.570 32. 6649.0 10.3 16.6 12.8 51.25 25.75 1.000 15.00 1.750 32. 8150.6 11.3 16.9 12.8 51.3 28.75 1.125 15.00 1.750 33. 8150.6 11.3 16.9 12.5 53.13 28.75 1.125 15.00 1.750 33. 8150.6 11.3 17.2 12.5 54.36 29.00 1.125 12.00 1.750 33. 8150.6 11.3 17.2 12.5 54.36 29.00 1.125 15.00 1.750 33. 8150.7 11.2 16.9 12.5 53.13 28.75 1.125 15.00 1.750 33. 8150.7 11.3 17.3 16.9 12.5 54.36 29.00 1.125 12.00 1.750 33. 8150.6 11.3 17.3 12.2 54.86 28.75 1.125 12.00 1.750 40. 8161.7 12.2 19.6 12.5 54.36 29.00 1.250 15.00 1.750 40. 8161.7 12.2 19.6 12.8 67.25 31.75 1.250 15.00 1.750 40. 8161.7 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40. 8161.7 13.2 21.2 14.5 75.38 35.00 1.250 15.00 2.000 40. 8161.7 13.2 21.2 14.5 77.38 35.00 1.375 17.00 2.000 49. 8161.8 14.1 22.6 16.1 84.00 38.00 1.500 17.00 1.750 80. 8884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 50.	398.2		529.5	6150.1	10.3	15.4	11.0	46.75	25.75	1.000	13.00	1.750	26.44
7351-4 11.2 15.9 13.1 46.25 26.38 1.125 13.00 1.375 32. 7357.2 11.2 16.0 13.2 46.38 28.50 1.125 12.00 1.500 32. 7257.3 11.2 16.0 13.2 46.38 28.50 1.125 12.00 1.500 32. 7625.0 11.2 16.3 12.9 49.63 28.50 1.125 13.00 1.575 32. 7625.0 11.2 16.3 12.9 49.68 28.50 1.125 13.00 1.575 32. 7625.0 11.2 16.3 12.9 49.68 28.50 1.125 13.00 1.750 26. 7907.3 11.2 16.6 12.8 51.38 28.75 1.000 15.00 1.750 26. 8150.6 11.3 16.6 12.8 51.38 28.75 1.125 15.00 1.750 33. 8150.6 11.3 17.2 12.5 54.38 29.00 1.125 12.00 1.750 33. 81642.4 11.3 17.2 12.5 54.88 28.75 1.125 12.00 1.750 33. 81642.4 11.3 17.5 12.5 54.88 28.75 1.25 14.00 1.750 33. 81642.4 11.3 17.5 12.5 54.88 28.00 1.125 12.00 1.750 40. 8101.5 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.750 40. 8101.5 12.2 18.7 13.7 62.00 31.75 1.250 15.00 1.750 40. 8101.7 12.2 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40. 8101.7 12.2 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40. 8101.7 12.3 21.2 14.2 77.3 35.00 1.375 15.00 2.000 40. 8101.8 13.2 21.2 14.2 77.38 35.00 1.375 15.00 2.000 49. 8101.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 59. 8101.8 18.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 59.	456.2		530.7	7130.6	11.1		13.4		28.38	1.125	12.00	1.375	32.70
7397.2         11.2         16.0         13.2         46.36         28.50         1.125         12.00         1.500         35.7           6321.7         10.3         15.7         10.7         48.50         25.75         1.000         14.00         1.750         26.20           7625.3         11.2         16.2         12.9         49.65         26.50         1.125         13.00         1.375         35.20           6489.0         110.2         16.0         10.4         50.25         25.75         1.000         15.00         1.750         35.8           6489.0         110.2         16.0         10.4         50.25         25.75         1.000         15.00         1.750         35.8           8046.9         11.3         16.0         12.5         54.36         28.75         1.125         12.00         1.750         33.8           8150.6         11.3         17.5         12.5         54.36         28.75         1.125         12.70         1.750         33.8           8160.6         11.3         17.5         12.1         56.36         28.75         1.125         13.00         1.750         40.8           8642.4         11.3         17.5<	461.3		8.655	7351.4	11.2	15.9	13.1	48.25	28.38	1.125	13.00	1.375	32.70
6321.7 10.3 15.7 10.7 40.50 25.75 1.000 14.00 1.750 26.75 11.000 1.750 26.10 1.757.3 11.2 16.2 12.9 49.63 28.36 1.125 14.00 1.375 32.156.0 11.2 16.3 12.9 49.63 28.36 1.125 14.00 1.375 32.156.0 11.2 16.6 12.6 51.25 25.75 1.000 15.00 1.750 25.15 10.00 10.3 16.6 12.6 51.25 26.75 1.020 15.00 1.750 32.0 10.5 11.2 16.9 12.3 52.88 28.50 1.125 15.00 1.750 33.0 10.66.9 11.2 16.9 12.5 53.13 28.75 1.125 15.00 1.750 33.0 10.65.0 11.3 17.2 12.5 54.38 28.75 1.125 15.00 1.750 33.0 10.65.0 11.3 17.2 12.5 54.38 28.75 1.125 13.00 1.750 33.0 10.65.0 11.3 17.3 12.2 54.38 28.75 1.125 13.00 1.750 33.0 10.65.0 12.2 18.3 17.3 12.2 54.88 28.75 1.125 13.00 1.750 40.10 10.65.0 12.2 18.3 13.9 60.00 31.75 1.250 16.00 1.750 40.10 11.810.2 12.2 18.5 13.0 60.00 31.75 1.250 16.00 1.750 40.11 11.810.2 12.2 18.5 13.0 67.2 31.75 1.250 16.00 1.750 40.11 11.810.2 12.3 19.7 13.0 67.2 31.75 1.250 16.00 1.750 40.11 11.810.2 12.3 19.7 13.0 67.2 31.75 1.250 16.00 2.000 49.1 12.0 13.2 21.1 14.4 75.13 34.75 1.250 16.00 2.000 49.1 12.0 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.1 15.00 2.00 49.1 15.00 2.00 1.750 40.1 18.70 8.1 1.2 21.2 14.0 2.2 15.0 1.2 21.2 14.2 7.3 35.00 1.375 1.2 10.0 1.750 5.00 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	463.0		6.655	7397.2	11.2	16.0	13.2		28.50	1.125	12.00	1.500	32.84
7557.3 11.2 16.2 12.9 49.63 28.38 1.125 14.00 1.375 32. 7625.0 11.2 16.3 12.9 49.88 28.50 1.125 13.00 1.500 32. 6469.0 10.3 16.0 11.4 50.25 25.75 1.000 15.00 1.750 26. 7907.3 11.3 16.9 12.3 52.88 28.75 1.125 15.00 1.750 33. 8150.6 11.3 16.9 12.5 53.13 28.75 1.125 15.00 1.750 33. 8150.6 11.3 17.2 12.5 54.38 29.00 1.125 13.00 1.750 33. 8385.4 11.3 17.2 12.5 54.38 29.00 1.125 13.00 1.750 33. 8385.4 11.3 17.2 12.5 54.38 29.00 1.125 15.00 1.750 33. 10463.0 12.2 18.6 12.1 56.38 29.00 1.250 15.00 1.750 33. 10715.5 12.2 18.6 13.6 61.50 31.50 1.250 16.00 1.750 40. 11581.7 12.2 18.6 13.6 61.50 31.75 1.250 14.00 1.750 40. 11581.7 12.2 19.6 12.8 67.25 31.75 1.250 16.00 1.750 40. 11591.7 12.3 21.1 14.4 75.13 34.75 1.250 15.00 2.000 49. 15046.9 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49. 15708.3 14.0 22.2 16.2 82.0 37.75 1.500 1.750 2.000 49. 18309.3 14.0 22.2 16.2 82.0 37.75 1.500 1.700 2.000 59.	401.7		8.065	6321.7	10.3	15.7	10.7	48.50	25.75	1.000	14.00	1.750	26.44
7625.0 11.2 16.3 12.9 49.86 28.50 1.125 13.00 1.500 32.6 16.90 10.3 16.0 10.4 50.25 25.75 1.000 15.00 1.750 26.26 17.90 1.3 16.6 12.8 51.38 28.75 1.000 15.00 1.750 33.0 16.6 11.3 16.6 12.8 51.38 28.75 1.125 12.00 1.750 33.0 15.00 11.2 16.9 12.5 55.13 28.75 1.125 12.00 1.750 33.0 15.00 11.2 16.9 12.5 55.38 29.00 1.125 13.00 1.750 33.0 10.453.0 12.2 11.3 17.5 12.5 54.38 29.00 1.125 13.00 2.000 33.0 10.453.0 12.2 18.3 17.5 12.5 54.80 28.75 1.125 13.00 2.000 33.0 10.453.0 12.2 18.3 17.5 13.5 06.00 1.250 1.550 1.500 1.750 40.0 10.155.5 12.2 18.7 13.5 06.00 31.5 0 1.250 1.500 1.500 40.0 10.155.5 12.2 18.7 13.5 06.00 31.5 0 1.250 1.500 1.500 40.0 10.150.0 1.2 12.3 19.7 13.5 06.00 31.75 1.250 1.500 1.750 40.0 1.1500.7 12.3 19.7 13.0 67.25 31.75 1.250 1.700 1.750 40.0 1.500 40.0 1.500 40.0 1.3 1.3 1.3 1.3 1.4 1.2 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	466.2		587.9	7557.3	11.2	16.2	12.9	49.63	28.38	1.125	14.00	1.375	32.70
6409-0 10-3 16-0 10-4 50.25 25.75 1.000 15-00 1.750 26-00 10-750 33.000 16-6 11-3 16-6 12-8 51.36 20-75 1.125 12-00 1.750 33.000 16-6 11-3 16-6 12-8 51.36 20.75 1.125 12-00 1.750 33.000 16-6 11-3 17-2 12-5 54.38 29.00 1.125 12-00 1.750 33.000 1.750 1.125 11-3 17-2 12-5 54.38 29.00 1.125 12-00 2.000 33.000 10-75 11-3 17-2 12-5 54.38 29.00 1.125 12-00 2.000 33.000 10-75 11-3 17-5 12-2 54.06 20.75 1.125 12-00 2.000 33.000 10-75 11-3 17-5 12-5 12-5 12-5 12-5 12-5 12-5 12-5 12	468.3		6.065	7625.0	11.2	16.3	6	49.88	28.50	1.125	13.00	1.500	32.84
7907.3         11.3         16.6         12.8         51.36         28.75         1.125         12.00         1.750         33.80           8046.9         11.2         16.9         12.3         52.86         28.56         1.125         15.00         1.500         33.80           8385.4         11.3         17.2         12.5         54.36         28.75         1.125         12.00         2.000         33.80           846.2.4         11.3         17.6         12.1         56.36         28.75         1.125         12.00         2.000         33.80           10463.0         12.2         18.3         13.9         60.00         31.50         1.250         16.00         1.750         40.80           1075.5         12.2         18.3         13.9         60.00         31.50         1.250         15.00         1.500         40.80           1075.5         12.2         18.3         13.6         61.50         31.75         1.250         15.00         1.500         40.80           11687.6         12.2         18.7         13.7         62.00         31.75         1.250         16.00         1.750         40.80           1160.7         12.2 <t< td=""><td>6.404</td><td></td><td>623.2</td><td>0.6849</td><td>10.3</td><td>16.0</td><td>+</td><td>50.25</td><td>25.75</td><td>1.000</td><td>15.00</td><td>1.750</td><td>26.44</td></t<>	6.404		623.2	0.6849	10.3	16.0	+	50.25	25.75	1.000	15.00	1.750	26.44
8150.6 11.2 16.9 12.3 52.88 28.50 1.125 15.00 1.500 32.8150.6 11.3 16.9 12.5 53.13 28.75 1.125 13.00 1.750 33.8150.6 11.3 17.2 12.5 54.38 28.75 1.125 13.00 1.750 33.8150.4 11.3 17.2 12.5 54.38 29.00 1.125 14.00 1.750 33.81642.4 11.3 17.5 12.1 56.38 29.00 1.125 13.00 2.000 33.810453.0 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.500 40.811681.7 12.2 18.5 13.6 61.50 31.50 1.250 16.00 1.500 40.811681.7 12.2 18.7 13.7 62.00 31.75 1.250 16.00 1.500 40.811681.7 12.2 18.7 13.7 62.00 31.75 1.250 16.00 1.750 40.811681.7 12.2 18.7 13.7 62.00 31.75 1.250 16.00 1.750 40.811685.4 13.2 21.1 14.4 75.13 34.75 1.250 15.00 2.000 40.811685.4 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 40.8118704.7 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 40.8118704.8 14.0 22.2 16.2 82.00 37.75 1.500 1.375 17.00 2.000 49.8118708.8 14.0 22.2 16.2 82.00 37.75 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.9 15.0 86.00 38.00 1.500 1.500 2.000 58.800 1.500 2.000 2.000 58.800 1.500 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000	475.7		617.1	7907.3	11.3	16.6		51.38	28.75	1.125	12.00	1.750	33,12
8150.6 11.3 16.9 12.5 53.13 28.75 1.125 13.00 1.750 33.8380.5.4 11.3 17.2 12.5 54.38 29.00 1.125 12.00 2.000 33.8380.5.4 11.3 17.2 12.5 54.38 29.00 1.125 12.00 2.000 33.8380.5.4 11.3 17.5 12.2 54.38 29.00 1.125 12.00 2.000 33.8380.5.4 11.3 17.5 12.2 56.38 28.70 1.125 13.00 2.000 33.810453.0 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.500 40.81075.5 12.2 18.7 13.0 61.50 31.50 1.250 14.00 1.500 40.811681.7 12.2 18.7 13.7 62.00 31.75 1.250 14.00 1.500 40.811681.7 12.3 19.7 13.7 62.00 31.75 1.250 14.00 1.750 40.811810.2 12.3 19.7 13.7 67.5 31.75 1.250 15.00 1.750 40.811810.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.811810.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.811810.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.811810.2 13.2 21.1 14.4 75.13 34.75 1.250 15.00 2.000 49.8118704.3 13.2 21.2 14.2 77.38 35.00 1.375 15.00 2.000 49.8118708.8 14.0 22.2 16.2 82.00 35.00 1.375 15.00 1.750 57.8118708.8 14.1 22.5 15.9 87.75 1.500 1.500 1.750 58.8118708.8 14.1 22.5 15.9 87.75 1.500 1.500 1.750 58.8118708.8 14.1 22.5 15.9 87.75 1.500 1.500 1.500 58.8118708.8 14.1 22.5 15.00 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 2.000 58.8118708.8 14.1 22.5 15.0 38.00 1.500 1.500 1.500 2.000 58.800 1.500 1.500 1.500 2.000 58.800 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.50	477.5		652.4	8046.9	11.2	16.9	2	25.08	28.50	1.125	0	1.500	32.84
8385-4 11.3 17.2 12.5 54.36 29.00 1.125 12.00 2.000 33.6 6162.4 11.3 17.5 12.2 54.86 28.75 1.125 14.00 1.750 33.6 10.662.4 11.3 17.5 12.2 54.86 28.75 1.125 14.00 1.750 33.6 10.662.4 11.3 17.6 12.2 56.36 20.0 31.50 1.250 15.00 1.500 1.500 33.1075.5 12.2 18.5 13.6 61.50 31.50 1.250 16.00 1.500 40.10715.5 12.2 18.6 13.6 61.50 31.75 1.250 16.00 1.500 40.11681.7 12.2 19.6 12.8 67.25 31.75 1.250 14.00 1.750 40.11810.2 12.3 19.7 13.0 67.50 32.00 1.250 17.00 1.750 40.11810.2 12.3 20.0 12.7 69.50 32.00 1.250 15.00 2.000 40.11810.2 13.2 21.0 12.7 69.50 32.00 1.250 15.00 2.000 40.11810.2 13.2 21.0 12.7 69.50 32.00 1.375 15.00 2.000 40.118104.7 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.115704.3 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49.118708.3 14.0 22.2 16.2 82.00 35.00 1.375 15.00 1.750 57.00 1.8084.9 14.1 22.5 16.2 82.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 16.2 82.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 15.0 86.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 15.0 86.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 15.0 86.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 15.0 86.00 38.00 1.500 1.500 2.000 58.118708.3 14.1 22.5 15.0 86.00 38.00 1.500 1.500 2.000 58.118708.3 1.500 1.500 1.500 2.000 58.118708.3 1.500 1.500 1.500 2.000 58.118708.3 1.500 1.500 1.500 1.500 2.000 58.118708.3 1.500 1.500 1.500 1.500 2.000 58.118708.3 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.50	6.084		652.7	8150.6	11.3	16.9	15.5	53.13	28.75	1-125	0	1.750	33.12
88642.4 11.3 17.3 12.2 54.86 28.75 1.125 14.00 1.758 33.8 1045.2 11.3 17.5 12.2 54.86 28.75 1.125 14.00 1.758 33.8 10463.0 1.22 18.3 17.6 12.1 56.38 29.00 1.125 13.00 2.000 33.8 10463.0 12.2 18.6 13.6 61.50 31.50 1.250 15.00 1.500 40.1 10715.5 12.2 18.7 13.7 62.00 31.75 1.250 14.00 1.500 40.1 11801.7 12.2 19.6 12.8 67.25 31.75 1.250 14.00 1.750 40.1 11810.2 12.3 19.7 13.0 67.25 31.75 1.250 17.00 1.750 40.1 11810.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.1 15046.9 13.2 21.1 14.4 75.13 34.75 1.251 16.00 2.000 49.1 15046.9 13.2 21.2 14.2 77.38 35.00 1.375 15.00 2.000 49.1 15706.3 13.2 21.8 13.9 79.38 35.00 1.375 15.00 2.000 49.1 18706.3 14.0 22.2 16.2 82.00 1.375 15.00 2.000 49.1 18706.3 14.0 22.2 16.2 82.00 33.75 1.500 1.500 2.000 59.1 18706.3 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 188064.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 18329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 14.1 22.0 16.1 84.00 38.00 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 14.1 22.0 14.1 22.0 16.1 84.00 38.00 1.500 1.500 1.500 2.000 58.1 19329.9 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1 22.0 14.1	487.1		672.3	8385.4	11.3	17.2	15.5	54.38	29.00	1.125	12.00	2.000	33.40
8642-4 11.3 17.6 12.1 56.38 29.00 1.125 13.00 2.000 33.1045.5 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.500 40.1163.0 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.500 40.11681.7 12.2 18.6 13.7 62.00 31.75 1.250 14.00 1.500 40.11681.7 12.2 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40.11581.7 12.3 19.7 13.0 67.25 31.75 1.250 17.00 1.750 40.11581.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.11581.2 12.3 21.1 14.4 75.13 34.75 1.250 15.00 2.000 40.15046.9 13.2 21.2 14.2 77.38 35.00 1.375 15.00 1.750 40.15040.7 13.2 21.2 14.2 77.38 35.00 1.375 15.00 2.000 49.1574.8 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.1574.8 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49.1574.8 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49.1574.8 14.0 22.2 16.2 82.00 37.75 1.500 1.750 2.000 49.1831.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.1881.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.	485.6		8	8380.2	11.3	17.3	15.2	54.88	28.75	1.125	14.00	1.750	33.12
10463.0 12.2 18.3 13.9 60.00 31.50 1.250 15.00 1.500 40.0 10715.5 12.2 18.6 13.6 61.50 31.50 1.250 16.00 1.500 40.0 1081.7 12.2 18.7 13.7 62.00 31.75 1.250 14.00 1.750 40.1 11601.7 12.2 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40.1 11601.7 12.2 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40.1 12093.7 12.3 20.0 12.7 69.50 32.00 1.250 15.00 2.000 40.1 12046.9 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 40.0 1.5046.9 13.2 21.2 14.5 75.38 35.00 1.375 17.00 1.750 40.0 1.5404.7 13.2 21.5 14.2 77.38 35.00 1.375 17.00 2.000 49.1 15744.7 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49.1 18709.3 14.0 22.2 16.9 83.75 17.75 1.500 1.00 1.750 57.0 1.00 1.00 1.750 57.0 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	492.2		712.5	8642.4	11.3	17.6	15.1	56.38	29.00	1.125	13.00	2.000	33.40
10874.6 12.2 18.6 13.6 61.50 31.50 1.250 16.00 1.500 40.116874.6 12.2 18.7 13.7 62.00 31.75 1.250 14.00 1.750 40.11681.7 12.2 19.6 12.8 67.25 31.75 1.250 14.00 1.750 40.11681.2 12.3 19.7 13.0 67.25 31.75 1.250 17.00 1.750 40.11810.2 12.3 20.0 13.0 32.00 1.250 15.00 2.000 40.116895.4 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 40.15404.7 13.2 21.2 14.5 75.38 35.00 1.375 17.00 1.750 40.15704.3 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.15704.3 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.18709.3 14.0 22.2 16.2 80.3 77.5 1.500 1.500 1.750 57.1809.3 14.1 22.5 15.9 83.75 1.500 15.00 1.750 57.1810.9 14.1 22.5 15.2 83.75 1.500 1.500 1.750 57.1810.9 14.1 22.5 15.3 85.00 38.00 1.500 1.500 2.000 58.18329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.	9.015		155.4	10463.0	12.5	18.3	•	60.00	31.50	1.250	15.00	1.500	40.23
11681.7 12.2 18.7 13.7 62.00 31.75 1.250 14.00 1.750 40. 11681.7 12.2 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40. 11910.2 12.3 19.7 13.0 67.25 31.75 1.250 17.00 1.750 40. 12093.7 12.3 20.0 13.7 62.00 32.00 1.250 15.00 2.000 40. 14895.4 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 40. 15046.9 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49. 15404.7 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49. 15704.3 13.2 21.6 13.9 79.38 35.00 1.375 15.00 2.000 49. 18708.8 14.0 22.2 16.2 82.0 35.00 1.375 15.00 1.750 57. 18884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.	575.8		789.1	10715.5	15.5	18.6	9.	61.50	31.50	1.250	16.00	1.500	40.23
115810.2 12.3 19.6 12.8 67.25 31.75 1.250 17.00 1.750 40.8 11810.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.8 11810.2 12.3 29.7 13.0 67.50 32.00 1.250 15.00 2.000 40.8 14.8 13.2 21.1 14.4 75.13 34.75 1.250 15.00 1.750 48.8 15046.9 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.8 15404.7 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.8 157404.7 13.2 21.6 13.9 79.38 35.00 1.375 16.00 2.000 49.8 157406.3 13.2 21.6 13.9 79.38 35.00 1.375 16.00 2.000 49.8 18706.8 14.1 22.5 16.9 83.75 37.75 1.500 16.00 1.750 57.8 18804.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 1.500 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 1.500 58.8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 1.500 58.8 19320.9 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.50	580.5		193.5	10874.6	15.2	18.7	13.7	62.00	31.75	1.250	14.00	1.750	40.55
11910.2 12.3 19.7 13.0 67.50 32.00 1.250 15.00 2.000 40.0 12093.7 12.3 20.0 12.7 69.50 32.00 1.2550 15.00 2.000 40.0 12093.7 12.3 20.0 12.7 69.50 32.00 1.2550 16.00 2.000 40.0 140.0 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 49.0 15046.9 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.0 157404.7 13.2 21.5 14.2 77.38 35.00 1.375 16.00 2.000 49.0 157406.3 13.2 21.6 13.9 79.38 35.00 1.375 16.00 2.000 49.0 15706.3 14.0 22.2 16.2 82.00 37.75 1.500 16.00 1.750 57.00 1.8760.3 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.00 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.00	596.1		9.606	11681.7	15.2	19.6		67.25	31.75	1.250	17.00	1.750	40.55
12093.7 12.3 20.0 12.7 69.50 32.00 1.250 16.00 2.000 40.14695.4 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 40.1504.0 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.15404.7 13.2 21.5 14.5 77.38 35.00 1.375 16.00 2.000 49.15704.3 13.2 21.6 14.2 77.38 35.00 1.375 16.00 2.000 49.18309.3 14.0 22.2 16.2 82.0 13.7 5 1.500 1.375 17.00 2.000 49.18309.3 14.0 22.2 16.2 82.0 13.7 5 1.500 1.00 1.750 57.18084.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 1.750 57.19329.9 14.1 22.6 16.1 84.00 38.00 1.500 1.500 2.000 58.19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.	0.009		908.2	11910.2	15.3	19.7	0	67.50	32.00	1.250	15.00	2.000	40.86
14695.4 13.2 21.1 14.4 75.13 34.75 1.375 17.00 1.750 48.7 15046.9 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.0 155046.7 13.2 21.5 14.2 77.38 35.00 1.375 15.00 2.000 49.0 15746.3 13.2 21.6 13.9 79.38 35.00 1.375 17.00 2.000 49.0 16746.3 13.2 21.6 15.2 62.00 37.75 1.500 1.750 2.000 49.0 18706.8 14.1 22.5 15.9 63.75 37.75 1.500 17.00 1.750 57.6 16864.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.0 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 15.00 2.000 58.0	605.1		952.1	12093.7	12.3	20.0	15.7	6	32.00	1.250	16.00	2.000	•
15046.9 13.2 21.2 14.5 75.38 35.00 1.375 15.00 2.000 49.0 15404.7 13.2 21.5 14.2 77.38 35.00 1.375 16.00 2.000 49.0 49.0 15746.3 13.2 21.5 14.2 77.38 35.00 1.375 17.00 2.000 49.0 15746.3 13.2 21.6 13.9 79.38 35.00 1.375 17.00 2.000 49.0 18309.3 14.0 22.2 16.2 82.00 37.75 1.500 17.00 1.750 57.6 18084.9 14.1 22.5 15.9 83.75 37.75 1.500 17.00 1.750 57.6 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 1.500 2.000 58.0			1036.6	14895.4	13.2		14.4	-	34.75		17.00	1.750	48.73
15404.7 13.2 21.5 14.2 77.38 35.00 1.375 16.00 2.000 49.0 15748.3 13.2 21.6 13.9 79.38 35.00 1.375 17.00 2.000 49.0 18309.3 14.0 22.2 16.2 82.00 37.75 1.500 16.00 1.750 57.6 18708.8 14.1 22.5 15.9 83.75 37.75 1.500 17.00 1.750 57.6 18884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.0 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.0	.2		1035.5	15046.9	13.2	21.2	14.5	m	35.00	1.375	15.00	2.000	49.07
15746.3 13.2 21.8 13.9 79.38 35.00 1.375 17.00 2.000 49.0 18309.3 14.0 22.2 16.2 82.00 37.75 1.500 16.00 1.750 57.6 5 18708.8 14.1 22.5 15.9 83.75 37.75 1.500 17.00 1.750 57.6 5 18884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.0 1 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.0			1082.8	15404.7	13.2	21.5	14.2	77.38	35.00	1.375	16.00	2	49.07
1 18309.3 14.0 22.2 16.2 82.00 37.75 1.500 16.00 1.750 57.6 1.808.8 14.1 22.5 15.9 83.75 37.75 1.500 17.00 1.750 57.6 1.8884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.0 1.9329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.0	23.		1130.3	15748.3	13.2	21.8	13.9	79.38	35.00	1.375	17.00	0	49.07
6 10700.8 14.1 22.5 15.9 03.75 37.75 1.500 17.00 1.750 57.6 7.10884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58.0 8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.0			1130.0	18309.3	14.0	25.2	16.2	82.00	37.75	1.500	16.00	1.750	
.7 18884.9 14.1 22.6 16.1 84.00 38.00 1.500 15.00 2.000 58. 8 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.	631.1		1174.6	18708.8	14.1	22.5	15.9	83.75	37.75	1.500	17.00	1.750	9
24.6 19329.9 14.1 22.9 15.8 86.00 38.00 1.500 16.00 2.000 58.	835.7		1173.7	8	14.1	55.6	16.1	84.00	38.00	1.500	15-00	0	
	843.9		1224.8	19329.9	14.1		15.8		38.00	1.500	16.00	0	

0.6875 - 11/16 in.

SHEAR	AREA	64.	.75	.76	16.	.95	.76	-95	1.03	1.05	1.28	1.52	-	-	-	-		1.80	1.78	1.60	1.90		2.56		2.58	2.27	2.60	3.45	9	3.47	3.82	3.49	3.84	3.52	2.60	3.07	3.06	3.52		3.49		3.87	4.93
ANGE	THICK	.188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	. 438	.375		275	. 5.00	.438	.563	.500	.500	.563		.563	.500	.438	.563	.500	•625	.563	565	.500	.625	.563	.563	.625	.563	.500
FLA	WIDTH	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3-00	3.00	3.00	3.00	3.00	00.4		9		00	4.00	4.00	2.00	4.00	200	5-00	4.00	00 - 4	4.00	4.00	\$ . 00	9-90		2.00	5.00	5.00	6.00	5.00	9-00	2.00
ME8	THICK	.125	.188	.188	.188	.188	.166	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	052.	. 513	212	.313	.313	.313	.313	.313	. 375	.313	.375	.375	.375	.375	.375	.313	275	375	.375	.375	.375	.375	.375	.438
	DEPTH	-	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31			•	5.44				9.0	2.50	. 5.00	7.66	95.9	7.50	6.50	7.56	8.44	7.56	8.50	9.44	8.56	9.50	91	·,	7.75	. 0		9.56	.5		.5	10.50
	AREA	.75	1.06	1.19	1.25	1.38	.5	1.69	1.88	5.06		2.19	2.31	2.38	5.44	5.56		2.81	3.00	3.25	200	4.8		13	4.19	4.38		4.09	5.00		5.13						5.88	6.13	61.9	6.38	6.50	-	6.88
	4	3.4	3.4	3.5	4.3	*:	3.4	4.3	3.4	3.4	4.3	5.1	4.3	5.1	6.0	5.1		5.9	2.8			2	6.5	5.7		2.6	6.5	2.0		7.2		7.1	7.9	7.1				6.9	7.7	6.7	7.6	7.4	8.3
	YP	.5	9.	9.				•		•	6.	1.0	6.	1.0	1:1	1:1	1.2	1.2	1.3	•	1.5		1.7	1.6	1.8	1.7	1.9	1.5	2.0	2.1	2.2	2.2	2.3	2.3	2.2	2.0	2.5	2.5	2.7	5.6	2.8	5.9	5.9
	œ		•		1.0	1.1	1.0	1.2	1.0	1.1	1.3	1.6	1.4	1.7	1.9	1.7		2.1	2.1	2.2	2.5	2.3	2.6	5.4	2.7	•	•	K. 7				3.2	3.5	3.3	3.1	2.0	3.6	3.4	3.7	3.5	3.8	3.9	4.0
	INERTIA	6.5	8.5	10.0	14.9	17.2	13.4	22.6	16.2	18.2	27.4	37.2	30.6	42.0	54.1	6.94	60.8	67.3	72.7	81.2	6.40	92.4	1 10	100.8	125.9	107.3	136.5	158.3	157.2	171.4	203.6	184.0		196.9	176.4	200.0	248.0	225.0	.9	234.5	284.5	296.1	319.4
S		1.9	5.5	5.9	3.4	0:,	0.4	5.3	4.8	5.3	4.9	7.3	2.2	8.2	9.1	3.6	10.2	11.3	12.5	14.0	13.2	15.3	17.7	17.7	19.4		•	21.0		23.9	5.52	25.8	27.7	27.7	29.0	20.62	32.1	32.7	34.8	34.8	37.4	39.8	38.3
SECTION	ZPL	12.4	14.8	16.5	55.5	24.7	19.8	28.7	21.8	23.3	31.3	38.9	33.1		6	43.4		;	2	58.0	6.04	200			71.5			80.5		82.9	91.9	;	;		6		98.0		100.3	91.2	02	103.3	110.0
	HT/FT			2.28										.5			•	3	•	2			5	6		3		9.00	. 4	9					•	•		-	8	2	4		
	32	.18	.250T	.3131	.250T	.3131	. 31.31	.3131	.37 ST	43	37	.3131	.438T	.375T	. 3131	.438T	.375T	.4381	.3751	.4381	200	2 0	4381	56	. 500T	.500T	. 563T	- 5000	5637	50	.438T	.563T	.500T	. 6251	• 56	. 26	.500T	.62	. 56	.56	. 62	. 56	.50
		125	.188/	.188/	.188/	.188/	.188/	.188/	.250/	.2507	.250/	.250/	.250/	1052.	.250/	.250/	.250/	.250/	.250/	1052.	.313/	1212	.313/	.313/	.313/	.313/	. 313/	1275	313/	.375/	.375/	.375/	.375/	.375/	.313/	275/	375/	.375/	.375/	.375/	.375/	.375/	.438/
	z																											AX 6X															

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7500

								****	*** BEAH	NOINENSIONS	:	*****	
		SECTION	MODULUS							ME3		w	SHEAR
INAL SIZE		ZPL	ZFL	INERTIA	œ	4		AREA	-	THICK		HIC	AREA
6x 7x .688/1.000T		219.2	148.7	1572.7		•	9	18.00	0	.688		.00	12.21
		169.8	148.6	1100.1			4	18.75	-	.625		.12	89.8
6x 8x .688/1.000T		223.1	162.8	1670.6				19.00	0	.688		00	12.21
		227.5	171.7	1761.4				19.75	~	.688		.25	12.38
.688/1.00		226.6	177.0	1763.9				20.00	0	.688			12.21
780 /057.		251.3	176.4	2034.4				20.50	8	.750		.87	14.72
14x 9x .688/1.250T	40.09	202.9	177.5	1514.6		7.5	.5	20.88	~	.688		.25	11.01
. 688/1.00		229.5	131.0	1850.5			1	21.00	0	.688		.00	12.21
.688/1.12		230.7	131.6	1871.7			80	21.13	-	.688		12	12.30
78. 1507 xe		255.3	190.3	2140.6			2	21.38	00	.750		.87	16.72
8x .750/1		256.7	191.2	2164.3			M	21.50		.750		00	14.61
10X . 688/1.12		233.7	207.4	1964.7	•	A. 4		22.25	•	688		12	12.30
SAR /1. 12		236.2	223.0	2050.6		8.7		22. 28	•	. 688		-	12.30
750/1 12	, F. 27	2.062	222 6	26.47				22 62	• •	200			10 11
27 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		2020	230	3.6143	•	1.0		20.00	4 0	000		:	1001
00.17007.		60100	2000	**6047	•	2.0	*	06.47	<b>-</b> (	1000		3	10.01
.150/1.2		2.072	240.0	5.2452		3.6	9.0	61.42	v	067.		62.	15.00
.750/1.12		272.3	258.1	2634.2		4.6	~	25.88	-	.750		.12	16.91
.750/1.25	49.92	273.7	259.2	2662.4		4.6	0.3	26.00	~	.750		. 25	15.00
.750/1.12	51.84	275.2	275.4	2736.3		6.6	6	27.00	-	.750		.12	14.91
10	52.32	276.8	278.3	2775.6		0	0:0	27.25	2	.750		.25	15.00
.875/1.12	54.72	324.5	278.0	3426.2		0	2.3	28.50	-	.875		.12	20.02
9x .875/1.50	56.16	284.8	277.5	2846.3		0	0.3	29.25	5	.875		.50	17.72
.875/1.12	56.89	329.2	297.8	3577.5		0	2.0	29.63	-	.875		.12	20.02
.875/1.37	29.04	335.5	314.8	3756.0		-	1.9	30.75	3	.875		.37	20.24
21X11X .875/1.125T	29.04	333.4	317.5	3720.9	3.6	11.2	11.7	30.75	22.13	.875	11.00	1.125	20.02
.875/1	61.21	337.1	337.6	3859.3		-	1.4	31.88	-	.875		.12	20.02
		340.4	332.9	3913.1		-	1.8	31.88	5	.875		.50	20.34
.875/1		340.1	338.8	3925.8		-	1.6	32.13	m	.875		.37	20.24
		345.0	359.2	4091.4		-	1.4	33.38	5	.875		.50	20.34
21X11X .875/1.3757		344.2	362.4	4083.5		-	1.3	33.50	3	.875		.37	20.24
21X11X .875/1.500T		349.1	384.6	4254.5		2	1:1	34.88	S	.875		.50	20.34
-		396.7	362.7	4903.4		O	3.5	35.25	-	1.000		.12	25.88
21X13X .875/1.375T		351.2	410.0	4375.6	9.4	2	1.0	36.25	m	.875		.37	20.24
24X11X1.000/1.125T	69.85	402.0	384.6	5086.6		~	3.2	36.38	-	1.000		1.125	25.88
21X12X .875/1.500T	69.85	352.7	410.6	4411.1		~	0.7	36.38	S	.875		1.500	20.34
24X12X1.000/1.125T	72.00	406.9	406.6	5253.3		2	5.9	37.50	-	1.000		1.125	25.88
21X14X .875/1.3757	72.25	354.2	433.1	4507.0		2	9.0	37.63	w	.875		1.375	20.24
24×10×1.000/1.375T	72.48	410.1	4.08.1	5344.9		~	3.1	37.75	m	1.000		1.375	26.13
21X13X .875/1.500T		355.9	435.8	4555.2		2	6.5	37.88	S	618.		1.500	20.34
4X10X1.000/1.50		416.2	430.5	5555.2		3	5.9	39.00	S	1.000		1.500	26.25
1.000/1.37		415.5	434.5	5550.1		m		39.13	m	1.000		1.375	26.13
21X14X .875/1.500T		358.9	461.3	4693.2		m	.2	39.38	S	.875		1.500	20.34
24X11X1.000/1.500T	77.76	421.6	459.3	5770.4		m	9	40.50	S	1.000		1.500	26.25
.50		361.5	486.5	4822.1		3	6	99.05	S	.875		1.500	20.34
24×10×1.000/1.7507		457.4	475.0	5961.4		1	9	41.50	-	1.000		1.750	26.50
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THICK	188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	. 438	.375	.313	.438	.375	.438	.375	. 438	.500	.375	.50	.438	.563	.500	.500	.563	.500		500	.438	.563	.500	.625	.563	.563	.563	.500	.625	.563	.563	.625	.563	.500
•	2-00	2-00	2.00	2.00	2-00	3.00	3.00	3.00	3.00	3.00	3-00	3.00	3-00	3.00	3.00	3.00	3.00	00 - 7	4-00	00-4	00 - 7	00 - 4	4.00	00-7	00 - 7	2.00	00 -	2-00	•		60.4	4.00	00-4	4.00	00.9	00 - 4	2.00	2.00	0	0	9.00	0	00.9	2.00
THICK	.125	188	.188	.186	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	.313	.313	.313	31.5	375	.375	.375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.375	.438
DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44			6.38			7.38	6.50	7.44	95.9	7.50	6.50	7.56	05.7	4.0	A. 50	9.44	8.56	9.50	8.63		9.56	95.9	9.50	8.63				.5	10.50
AREA	.75	1.06	-	1.25	1.38	1.50	1.69	1.88	5.06	2.13	2.19	2.31	2.38	5.44	5.56	2.63	2.81	3.00	3.25	3.56	3.69	3.88	3.94	4.13	4.19	4.38	***	69.4		2.00	5.13	5.25	5.38	5.50		5.63		2.88	6.13	6.19	6.38	6.50	6.75	98.9
YF	3.5	3.5	3.6	4.5	4.5	3.5	*:	3.5	3.6	4.4	5.3	*	5.3	6.2	5.3	•	6.2	6.1	6.1	2.5	6.9		6.9	6.0	6.8	5.9	9.9		9.	7.6	9.4	7.6	4.0	7.5	6.5	8.3	1.4	8.2	4.	9.1	7.2	8.1	.0	6.9
4 A	5.	9	9.						•	•	6.	6.	6.	1.0	1.0	1:1	1:1	1.2	1.2	1.2	1.4	1.4	1.5	1.4	1.5	1.5	1.6	1:	:		1.9	1.9	2.0	2.0	1.9	2.1	2.1	2.5	2.2	2.3	2.2	2.4	5.5	5.5
~	9.		8.	6.	1.0	6.	1:1	1.0	1.0	1.2	1.4	1.3	1.5	1.7	1.6	1.0	1.9	1.9	2.0	1.0	2.3	2.2	2.4	2.2	5.5	2.3	9.2	2.0	2.0	6.0	3.1	3.0		3.0	5.9	3.3	3.1	3.4	3.2	3.5		3.6	3.6	3.8
INERTIA			:	16.1	18.7	14.8	54.4	17.8	20.0	9.62	39.9	33.1	45.1	57.7	20.4	65.0	72.0	78.0	87.3	10.4	112.3	100.3	124.0	109.2	135.9	116.6	147.7	157.1	170.9	185.5	219.9	9	237.7	214.1	193.0	524.9	228.8	269.7	246.1	500.4	257.0	311.0	324.5	348.6
2		2.7	3.1	3.6	4.1	4.2		5.0	5.6	6.7	7.5	4.7	8.5	9.3	9.5	10.5	11.6	15.8	14.4	13.6	16.3	16.7	18.1	18.2	19.9	19.8			25.7		26.2	56.4	58.4	58.4		30.6		32.9		35.6	35.6		40.7	
ZPL	13.3	16.1	18.1	24.6	27.2	22.0	32.3	54.6	. 9	35.9	6.44	38.3	48.1	51.5	51.1	:	64.5		70.5		81.4	73.7	85.0	76.4	88.3	78.1	:	93.2	100.0	103.4	114.9		118.4	6	66			123.8	114.4	127.0	115.7	130.0	131.5	139.3
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SIZE	1881	.250T	.3131	.250T	. 31 3T	.3131	.3137					.4387	.375T	· 31 3T	.4381	.3751	.438T	.3751	.438T	.500F	.375T	.500T	.4381	. 563T	.500T	-500T	. 5631	1005.	10 C 4 3	1005°	.4381	.563T	.500T	.625T	.5631	. 5631	.563T	. 500T	.6251	. 563T	.5631	· 625T	.563T	.500T
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******	NGE	THICK	•625	.563	.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	•625	.688	.563	.688	.750	•629			750	.688	.750	.625	.75	.686	.750	.688	.875	.750	1.000	.75	1.000	. 875	.875	1.000	1.125	1.000	1.000	1.125
	FLA	HIDIM	6.00	5.00	5.00	6.00	5.00	6.00	2.00	6.00	6.00	6.00	7.00	2.00	9.00	2.00	7.00	6.00	2.00	7.00	9-90	9.00	9 6	9	7.00	7.00	6.00	8.00	9.00	9-00	7.00	8.00	7.00	7.00			8-00	9.00	8.00	7.00	10.00	9.00	9.00
DIMENSIONS	MEB	THICK	.375	.438	.438	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	. 500	. 438	. 500	000	200	2005	.500	.500	.563	.500	. 563	. 563	. 563	.500	. 563	.563	.563	563	.563	.563	. 563	•625	.563	.563	. 625
*** BEA		DEPTH	9.63	10.56	10.63	8.69	9.75	10.56	10.69	10.63	9.75			12.56	10.75	12.63	10.69	15.56	12.69	10.75	12.63	2.6	12.09	12.75	12.69	12.75	14.63	12.75	14.69	14.75	14.69	12.88	14.75	13.00	14.75	18.00	14.88	14.88	15.00	15.13	13.00	15.00	13.13
*******		AREA				1		-		8.13	9.44	8.50	•		•	9.13	7	9.38	9.44	9	•	***	10.13	10.5	10.01	11.	=	12.00	12.00	12.38	12.69	13.00	13.13	13.75	13.88	14.75	14.88	15.75		16.63	16.75	16.88	17.63
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		4	2.6	2.6	2.7	2.5	2.7	2.8	2.8	2.9	5.9	3.1	3.0	3.3	3.2	3.4	3.3	3.5	3.5	3.4	3.6	2.5			4.0	4.1	4.3	4.3		* 4	4.7	4.6	4.9	4.7	5.1	2.0	5.4	5.7	5.8	5.8	5.5	6.0	2
		œ	3.8	3.9	4.0	3.5	3.8	4.0	4.1	4.1	3.9	4.2	4.0	4.6	4.3	4.7	4.4	4.8	4.0	4.5	6.4				5.5	5.3	5.7	2.4	20.0		5.9	5.5	6.0	5.5	2.9	5.7	6.3	4.9	6.5	9.4	5.8	9.9	S. A.
		INERTIA				301.0				440.8	402.0	467.7	416.1	566.8		299.6	513.0	621.4	631.5	245.6	658.7	20.00	726. 7	730.6		795.9	938.1	856.6	983.5	1029.8		941.	1112.9	961.5	1191.9	1036.9		1383.0	3	1420-1	1167.0	1494.2	1105.6
	MODOLUS	ZFL	44.0	42.3	45.2	42.5	45.2	47.8	48.2	51.4	51.9	54.9	24.7	55.7	58.7	5.65	61.8	62.3	62.7	62.9	66.5	2000	22.0	74.	78.6	83.6	84.0	92.3	88.7	33.5	98.0	103.4	103.5	104.9	113.5	116.6	126.1	137.6	138.8	139.0	138.8	151.9	171
	SECT ION	ZPL	134.4	142.8	145.8	120.9	135.3	147.4	148.7	150.5	139.6	153.3	140.6	174.3	156.1	177.7	157.2	179.6	180.9	159.8	183.1	146.0	100.	180.2	190.7	193.7	216.4	197.5	219.9	223.2	225.1	202.7	228.3	204.1	232.7	207.8	238.7	242.4	543.9		213.5	247.6	216.7
		HT/FT	13.69	13.80	14.40	14.65	14.76	14.88	15.00	15.61	16.20	16.32	16.80	16.92	17.05	17.53	17.64	18.01	18.12	18.49	18.72	19.03	19.45	20.16	20.76	21.60	2		m .	23.23	;	3	5	•					:	-	2	32.41	
		SIZE	.625T	.563T	.6251	.6881	.750T	. 5631	.688T	.6251	.750T	.688T	.588T	. 5631	.750T	. 625T	.688T	. 5631	.688T	.750T	·625T	1057.	1000	75.01	.6881	.750T	· 625T	.750T	-6887	1678.	.6881	.875T	.750T	_	1501	56 1/1 . OnnT	18751		563/1.000T	625/11-1257	563/1.000T	563/1.000T	1.12ET
			.375/	.438/	.438/	.438/	.438/	.438/	.438/	. 438/	.438/	.438/	.438/	.500/	.438/	.500/	.438/	.500/	.5007	.438/	.500/	1939	1000	2005	.500/	.5007	.563/	1005.	. 563/	.563/	.563/	.5007	.563/	.563/1	.563/		.563/	.563/	. 563/	1929.	.563/	.563/	1.11269
		NOMINAL	X9 X6	0x 5x	0x 5x		3X X6			10X 6X	X9 X6		XZ X6	12X 5X									X0 X7			12x 7x				7 X X X X X X X X X X X X X X X X X X X						12× 8×				14x 7x	12X10X		2V 0V

0.8750 - 7/8 in.

| SHEAR   | AREA            | 12.30                                                               | 8.75                                                                                                                                                                     | 12.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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SECTION MODULUS  NAL SIZE  NAT. ST. | NAL SIZE  NIVET  SECTION MODULUS  NEB FLANGE  NEB FLANGE  NEB FLANGE  NEB FLANGE  SECTION MODULUS  SECTION MODULUS  SECTION MODULUS  SECTION MODULUS  SECTION MODULUS  SECTION MODULUS  SECTION 34.56 278.2 154.3 1773.8 7.1 6.4 11.5 16.00 17.00 688 5.00 1.000 1.1000  SECTION 34.56 278.2 154.4 153.9 1264.1 5.9 5.0 6.2 18.75 13.13 625 10.00 1.1000  SECTION 36.40 283.3 166.6 1891.0 7.2 6.7 11.2 19.00 17.00 688 9.00 1.0100  SECTION 36.40 283.3 166.6 183.6 20103.5 7.3 6.9 11.2 19.75 17.25 6.68 9.00 1.0100  SECTION 36.40 283.3 166.6 183.6 20103.5 7.3 7.0 11.2 19.75 17.25 6.68 9.00 1.0000  SECTION 36.40 283.3 166.6 183.6 20103.5 7.3 7.0 11.2 19.75 17.25 6.68 9.00 1.0000  SECTION 40.37 293.6 316.6 183.6 2294.2 7.8 7.2 12.5 20.50 18.08 7.50 8.00 1.250  SECTION 40.37 293.7 190.1 2118.7 7.4 7.2 12.5 20.0 17.00 688 9.00 1.250  SECTION 40.37 293.7 190.8 2447.5 7.4 7.2 10.6 21.00 17.00 688 10.0 1.250  SECTION 41.20 323.5 190.8 2447.5 7.0 7.5 12.2 21.38 10.0 7.50 9.00 1.250  SECTION 41.20 323.5 190.8 2447.5 7.0 7.6 12.3 21.50 19.00 7.50 9.00 1.250  SECTION 41.20 323.5 190.8 2447.5 7.0 7.6 12.3 21.50 19.00 7.50 9.00 1.250  SECTION 47.04 337.4 247.6 2838.6 8.2 8.4 11.5 24.50 19.00 7.50 9.00 1.250  SECTION 47.04 337.4 247.6 2838.6 8.2 8.4 11.5 24.50 19.00 7.50 11.00 1.250  SECTION 47.04 337.4 247.6 2838.6 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 37.4 247.6 2838.6 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 37.4 247.6 2838.6 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 37.4 247.6 2839.9 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 37.4 247.6 2839.9 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 37.4 247.6 2839.9 8.3 8.6 11.2 25.86 19.13 7.50 9.00 1.250  SECTION 47.0 4.3 4.0 50.0 34.5 5.0 50.0 19.2 5.0 50.0 19.2 5.0 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 50.0 11.2 | NAL SIZE  NATE TO COLOUR SECTION NODULUS  NAME TATA | NAL SIZE  NATURAL SIZE  NATURA | NAL SIZE  NATAL SI | NAL SIZE  WITFT  SCUIN MODULOUS  WEB  FLANCE  600/1.0001  34.56 278.2 154.3 1773.8 7.1 6.4 11.5 16.0 17.0 6.6 8 7.0 1.000  625/1.1257  600/1.0001  34.56 278.2 154.3 1773.8 7.1 6.4 11.5 16.0 17.0 6.6 8 7.0 1.000  600/1.0001  34.56 278.2 154.3 1773.8 7.1 6.4 11.5 16.0 17.0 6.6 8 7.0 1.000  600/1.0001  37.92 288.8 178.3 1990.1 7.2 6.9 11.2 19.0 17.0 6.6 8 9.0 1.000  600/1.0001  38.40 287.8 183.6 203.5 7.3 7.0 10.9 20.0 17.0 6.6 9.0 1.000  600/1.0001  38.40 287.8 183.6 203.5 7.3 7.0 10.9 20.0 17.0 6.6 9.0 1.000  600/1.0001  40.32 291.7 190.1 2708.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.32 291.7 190.1 2708.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.32 291.7 190.1 2708.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.32 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.25 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.25 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.25 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.25 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.0001  40.25 291.7 190.1 200.7 7.4 7.2 10.6 21.0 17.0 6.6 9.0 1.000  600/1.125 4.6 9.0 30.4 21.3 22.4 7.4 7.5 12.2 21.3 17.1 3.6 8 10.0 1.000  600/1.125 4.6 9.0 30.4 21.3 22.4 27.4 17.5 7.6 10.4 22.2 5 17.1 3.6 8 10.0 1.000  775/1.125 4.6 9.0 30.7 249.7 297.1 7.6 7.6 10.4 22.2 5 17.1 3.6 8 10.0 1.1 25  775/1.125 4.6 9.0 30.7 249.7 297.1 7.6 7.6 10.8 20.0 19.0 0.7 7.0 9.0 0.1 1.0 1.2 5  775/1.125 4.6 9.0 30.7 249.7 27.6 20.8 8.4 11.5 24.7 19.2 9.0 11.0 11.2 5  775/1.125 4.6 347.1 20.7 249.7 299.9 8.3 8.4 11.5 24.7 19.2 9.0 11.0 11.2 5  775/1.125 4.6 347.1 20.7 249.7 299.9 8.3 8.4 11.2 24.7 19.2 9.0 11.0 11.2 5  775/1.125 7.1 40.8 37.1 20.7 249.7 20.8 8.4 11.2 24.7 19.2 9.0 11.0 11.2 5  775/1.125 7.1 40.8 37.1 20.7 249.7 20.8 8.4 11.2 24.7 19.2 9.0 11.0 11.2 5  775/1.125 7.1 40.8 37.1 20.8 313.0 7 8.4 9.0 11.0 27.2 91.3 7.0 10.0 11.2 5  875/1.125 7.1 40.8 37.1 20.8 313.0 7 32.2 9.0 10.0 19.1 3.1 2.0 0.0 11.0 27.2 91.3 91 | NAL SIZE  NITE T | NAL SIZE  NATE TO CALLON NOUTLOS  SECTION NOUTLOS  SESTIATES  SESTIATES  SECTION 34,56 278-2 154.3 1773.8 7.1 6.4 11.5 16.00 17.00 .686 7.00 1.000  SESTIATES  SESTIA | NAL SIZE  WIFFE ZPICON NOTIONS  SEGMINOUS 34-56 ZP8-2 154-3 1773-6 7-1 6-4 11.5 16.00 17.00 666 7.00 1.000  SEGMINOUS 35-92 ZP8-2 154-3 1773-6 7-1 6-4 11.5 16.00 17.00 668 7.00 1.000  SEGMINOUS 35-92 ZP8-2 154-3 168-8 1891-0 7-2 6-9 11.2 19.75 17.25 6-8 8-00 1.000  SEGMINOUS 35-92 ZP8-2 18-4 18-3 1996-1 7-3 6-9 11.2 19-75 17-2 6-8 8-00 1.000  SEGMINOUS 36-40 ZP8-2 18-4 18-5 21.00 17-0 688 7-0 1.000  SEGMINOUS 36-40 ZP8-2 18-4 18-5 21.00 17-0 688 7-0 1.000  SEGMINOUS 37-92 ZP8-2 18-4 18-5 21.00 17-0 688 7-0 1.000  SEGMINOUS 37-92 ZP8-2 18-4 17-5 ZP8-2 6-7 6-7 11-2 19-7 17-1 6-8 8-0 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 1-2 10-8 | NAL SIZE  NIVEL SECTION NODULOS  SECTION NOT SECTION NODULOS  SECTION NOT SECTION NOT SECTION NOT SECTION NOT SECTION NODULOS  SECTION NOT SE | NAL SIZE  NIVEL 2 | NAL SIZE  MIFFI 2PL NORDLUS  ***SECTION TODOLUS  ***SECTION TODOLU | NAL SIZE  MIFFI 2PL NORDLUS  SCHILL NORDLUS  S | NITT SELLIAN MODELLA R YP YF AREA DEPTH HILD HILD NODELLA NODELA NODELLA NODELLA NODELLA NODELLA NODELLA NODEL | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NAL SI | NAL SIZE  NATURE 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.875 IN. PLATE (AREA = 17.61 SQ.IN.)

80.41 80.64												SHEAR
	ZPL	ZFL	INERTIA	~	YP	4 1	AREA	DEPTH	THICK	WIOTH	TH THICK	AREA
	519.5	510.2	6758.3	10.7	13.0	13.2	41.88	25.38	1.000	13.00	1.375	26.26
	521.4	510.5	6802.8	10.7	13.0	-	42.00	25.50	1.000	12.00	1.500	26.38
•	452.0	534.5	5724.5	9.8	12.7	10.7	42.38	22.50	.875	16.00	1.500	20.45
83.04	528.8	531.7	7059.1	10.8	13.3	13.3	43.25	25.75	1.000	11.00	1.750	26.63
3.04	524.4	537.6	8.6969	10.7	13.3	13.0	43.25	25.38	1.000	14-00	1.375	26.26
83.52	526.7	6.045	7038.5	10.7	13.4	13.0	43.50	25.50	1.000	13.00	1.500	26.38
	528.8	564.7	7169.5	10.7	13.6	12.7	44.63	25.38	1.000	15.00	1.375	26.26
86.40	534.6	566.4	7322.2	10.8	13.7	12.9	45.00	25.75	1.000	12.00	1.750	26.63
6.40	531.5	570.4	7256.9	10.8	13.7	15.7	45.00	25.50	1.000	14.00	1.500	26.38
83.68	535.9	600.2	7467.5	10.8	13.9	_	46.50	25.50	1.000	15.00	1.500	26.38
9.76	539.8	601.0	7571.5	10.8	14.0	9	46.75	25.75	1.000	13.00	1.750	26.63
10.01	6.409	570.3	8587.1	11.5	14.2	15.1	46.88	28.38	1.125	12.00	1.375	32.91
	611.6	601.2	8868.8	11.6	14.5	14.8	48.25	28.38	1.125	13.00	1.375	32.91
5.89	613.6	601.5	8922.7	11.6	14.5		48.38	28.50	1.125	12.00	1.500	33.05
3.12	544.4	634.6	7802.1	10.9	14.3	-	48.50	25.75	1.000	14.00	1.750	26.63
62.5	617.7	631.1	9131.8	11.7	14.8	14.5	49.63	28.38	1-125	14.00	1.375	32.91
5.77	620.3	634.6	9214.3	11.7	14.9		49.88	28.50	1-125	13.00	1.500	33.05
84.96	248.8	4.699	8028.8	10.9	14.6		50.25	25.75	1.000	15.00	1.750	26.63
8.65	9.629	663.1	9568.0	11.8	15.2		51.38	28.75	1.125	12.00	1.750	33.33
101.53	632.0	700.2	9758.1	11.8	15.4	6	25.88	28.50	1.125	15.00	1.500	33.05
105.01	636.2	701.2	9882.2	11.8	15.5		53.13	28.75	1.125	13-00	1.750	33.33
104.41	0.449	722.9	10175.1	11.9	15.8	-	54.38	29.00	1.125	12.00	2.11	33.61
	642.3	739.0	10180.0	11.9	15.8		24.88	28.75	1.125	14-00	1.750	33.33
	6.059	766.1	10509.9	11.9	16.2	1	56.38	29.00	1.125	13.00	2.000	33.61
	738.4	810.6	12510.3	15.7	16.9		60.00	31.50	1.250	15-00	1.500	40.47
	145.0	846.4	12828.0	12.7	17.2	2	61.50	31.50	1.250	16.00	1.500	40.47
119.04	150.5	851.8	13016.8	15.8	17.3	15.3	62.00	31.75	1.250	14-00	1.750	40.78
	770.0	975.7	14040-1	15.9	18.2	14.4	67.25	31.75	1.250	17.00	1.750	40.78
129.60	9	6.416	14190.5	12.9	18.3	9	67.50	32.00	1.250	15.00	2.000	41.09
133.44		1021.9	14552.8	15.9	18.6	~	69.50	32.00	1.250	16.00	2.000	41. 89
4.25	-	1110.2	17643.7	13.8	19.7	15.9	75.13	34.75	1.375	17.00	1.750	48.98
	7	1109.7	17818.7	13.8	19.8	16.1	75.38	35.00	1.375	15.00	2.000	49.33
148.57	907.1	1160.1	18262.0	13.9	20.1	15.7	77.38	35.00	1.375	16-00	2.000	49.33
2.41		1210.7	10689.5	13.9	20.4	15.4	79.38	35.00	1.375	17.00	2.000	49.33
157.44	1022-1	1208.4	21388.3	14.7	50.9	17.7	82.00	37.75	1.500	16.00	1.758	57.96
	1031.2	1255.6	21868.7	14.7	21.2	17.4	83.75	37.75	1.500	17.00	1.750	57.94
161.28	.2	1255.3	22070-1	14.7	21.3	17.6	84.00	38.00	1.500	15.00	2.000	58.31
165.12	1046.2	1309.4	22607.3	14.8	21.6	17.3	86.00	38.00	1.500	16.00	2.000	58.31

0.8750 - 7/8 in.

	SHEAR	AREA	.52	. 80	.01	66.	1.00	. 81	1.00	1.10	1.11	1.35	1.58	1.36	1.60	1.83	1.61	1.85	1.86	1.85	1.86	2.03	29.2	2.35	5.64	2.37	5.66	2.35	5.68	5.66	3.54	2.68	3.56	3.92	3.59	3.94	3.61	2.68	3.96	3.59	3.94	3.61	3.96	3.59	3.99	3.96	5.04
:		THICK	.188	.250	.313	.250	.313	.313	.313	.375	.438	.375	.313	.438	.375	.313	.438	.375	.438	.375	.438	.500	.375	.500	.438	.563	.500	.500	.563	.500	.438	.563	.500	. 438	.563	.500	.625	.563	.563	.563	.500	.625	.563	.563	.625	.563	.500
•	3	HIOIM	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	00 - 4	00 -4	4.00	00-4	4.00	00-4	4.00	2.00	4.00	2.00	00-4	2.00	4.00	00-7	00 - 4	4.00	4-00	9.00	4-00	2.00	5.00	2.00	2.00	6.00	5.00	6.00	2.00
	ME8	THICK	.125	.188	.188	.188	.188	.188	.188	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	.313	.313	.313	.313	.313	.375	.313	.375	.375	.375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.375	.438
********		DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	9.44	6.38	99.9	5.50	7.38	6.50	7.44	95.9	7.50	6.50	7.56	7.50	8.44	7.56	8.50	9.44	8.56	9.50	8.63	7.56	9.56	8.56	9.50	8.63	9.56	9.56	9.63	9.56	10.50
****		AREA	.75	1.06	1.19	1.25	1.38	1.50	1.69	1.88	2.06	2.13	2.19	2.31	2.38	2.44	2.56	2.63	2.81	3.00	3.25	3.56	3.69	3.88	3.94	4.13	4.19	4.38	4.44	4.69	4.75	2.00	2.00	5.13	5.55	5.38	5.50	2.56	5.63	5.81	5.88	6.13	6.19	6.38	6.50	6.75	6.88
		YF	3.6	3.6	3.7	4.6	4.6	3.6	9.4	3.7	3.7	4.6	5.5	4.6	5.5	4.9	5.5	4.9	4.9	6.3	6.3	2.4	7.1	6.3	7.1	6.3	7.1	6.1	7.1	7.0	7.9	7.0	7.9	8.7	1.9	8.7	7.9	6.8	8.7	7.7	9.0	7.7	8.5	7.6	8.5	9.4	9.3
		4 A	9.	9.	9.		1.		8.		8.		6		6.	1.0	6.	1.0	1.0	1.1	1:1	1.1	1.3	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.7	1.7	1.9	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2
		œ	9.		.7	6.	6.	••	1.0	6.	6.	1.1	1.3	1.2	1.4	1.6	1.4	1.6	1.7	1.0	1.9	1.7	2.1	2.0	2.2	2.1	2.3	2.1	5.4	5.5	5.6	5.6	2.7	5.9	2.7	3.0	2.8	2.7	3.1	5.9	3.2	3.0	3.3	3.1	3.4	3.4	3.5
		INERTIA	9.4	10.7	12.4	17.6	20.3	16.3	56.4	19.6	22.0	31.9	42.6	35.7	48.1	61.2	53.7	6.89	76.3	85.8	92.7	15.4	119.1	106.9	131.7	116.6	144.4	154.6	157.2	167.6	181.7	182.9	197.5	233.7	212.8	253.0	258.5	207.1	271.6	244.8	287.9	263.8	310.6	276.0	333.2	348.3	373.1
	MODULUS	2FL	2.3	3.0	3.4	3.8	4.4	4.5	5.8	5.4	6.0	7.0	7.8	7.8	8.8	9.6	9.6	10.8	11.9	13.2	14.7	14.0	16.7	17.1	18.5	18.6	20.3	20.3	22.1	24.0	23.0	26.3	25.0	56.8	27.0	29.0	29.0	30.3	31.2	31.7	33.6	34.2	36.4	36.4	39.1	41.5	40.1
	SECTION	2PL	14.3	17.3	19.4	26.2	29.1	23.8	35.0	26.9	29.1	39.4	49.5	42.3	53.5	64.3	57.2	6.89	73.1	76.1	80.8	68.0	64.5	85.7	99.3	89.3	103.7	91.4	107.9	110.5	118.3	114.7	155.9	137.0	126.9	141.8	130.8	120.1	146.1	134.2	149.2	138.1	153.7	140.1	-	160.0	0
	-	HIVET	1.44	2.04	2.28	2.40	5.65	2.88	3.24	3.61	3.96	60.4	4.20	4.44	4.57	4.68	4.92	5.05		5.76		6.84	7.08	1.45	7.56	7.93	8.04			•		9.60		9.85	10.08	10.33						11.77		12.25			
		SIZE	.188T	.250T	.313T	.250T	.313T	.3137	. 313F	.37 51	-438T	37.51	.3137	.438T	.375T	.313T	.438T	.375T	.4381	.3751	.438T	.500T	.3751	.500T	.438T	. 563T	.500T	.500T	. 563T	.500T	.438T	. 563T	.500f	.438T	.563T	.500T	.625T	. 563T	. 563T	.563T	.500T	.625T	.563T	.5637	· 625T	S	.500T
		S										250/	.250/	.250/		2507				.250/					. 313/	.313/	.313/	.313/						1918	.375/	.375/	.375/	.313/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.375/	.438/
		NOM	2X	×2	X2		2X	3×	3×	3×	3×	4x 3x	38	4X 3X	3×	3×	38	3×	×	XX	**	×	113.	X* X9				6x 5x	7X 4X	7X 5X		7X 5X			*	**				2×	28			8x 6x		¥9	2x

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SHEAK	AREA	3.99	9.06	60.5	4.24	4.71	90.6	5.12	5.09	4.71	5.12	4.68	6.78	5.15	6.82	5.12	6.78	6.85	5.15	6.82	4.71	6.85	96.9	9.99	6.85	9.99	9.80	9.68	8.83	96.9		20.0	8.87	7.88	8.87	8.94	7.88	9.94	9.94	9.01	10.00	7.88	9.01	į.
				.625	.688	.750	.563	.688	.625	.750	.688	.688	.563	.750	.625	.688	.563	.688	.750	.625	.750	.688	.875	.750	.688	.750	• 629	.750	. 586	.875	100	.000	750	1.000	.750	.875	1.000	.875	.875	1.000	1.125	1.000	1.000	
,	HIDIM	6.00	2.00	2.00	6.00	2.00	6.00	2.00	6.00	9.00	6.00	7.00	2.00	6.00	2.00	7.00	6.00	2.00	7.00	00.9	8.00	00-9	2.00	6.00	7.30	2.00	6.00	8-00	00.00	00-2		000	9 0		8.00	7.00	8-00	00-9	9.00	8.00	7.00	10.00	9.00	
	THICK	.375	.438	.438 5.0	.438	.438	.438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	.438	.500	.438	.500	.500	.500	.500	.500	.563	.500	.565	.500	2000	2000	563	.563	.563	.563	.563	.563	.563	.563	•625	. 563	.563	
	DEPTH	9.63	10.56	10.63	8.69	9.75	10.56	10.69	10.63	9.75	10.69	69.6	12.56	10.75	12.63	10.69	12.56	12.69	10.75	12.63	9.75	12.69	12.88	12.75	12.69	12.75	14.63	12.75	14.69	12.66	14.73	19.03	14.75	13.00	14.75	14.88	13.00	14.88	14.88	15.00	15.13	13.00	15.00	
	AREA	7.1	7.1	7.50	7.6	7.6	7.7	7.8	8.1	4.0	8.5	~	•	•	σ	9.19	9.38	9.44	9.63	9.75	9.94	10.13	10.38	10.50	10.81	11.25	11.63	12.00	12.00	12.13	16.30	12.09		12	13	-	14.75	-	-	15.88	16.63	16.75	16.88	
	4	8.3		9.5						8.2		8.1	10.7	9.0	10.7	8.8	10.5	10.6	8.8	10.5	7.9	10.4	10.5	10.4	10.2	10.1	11.8	9.9	11.0	10.0		11.5	11.5	9.6	11.2	11.3	9.6	11.1	10.8	10.9	11.0	9.1	10.6	
	4	2.3	2.3	2.4	2.2	2.3	5.5	5.5	5.6	2.5	2.7	5.6	5.9	2.8	3.0	5.9	3.D	3.1	3.0	3.2	5.9	3.3	3.4	3.4	3.5	3.6	3.8	3.8	3.9	3.9	:	7 .		4.2	4.5	4.6	*.*	4.8	5.1	5.1	5.1	4.9	5.4	
	œ	3.5	3.6	3.7	3.3	3.6	3.8	3.8	3.9	3.7	4.0	3.8	* . 4	*:1	4.5	4.5	4.6	4.6	F. 3	4.7	4.0	4.8	6.4	6.4	6.4	2.0	2.4	2.5	2.2	2.5	2.0		2	5.4	6.6	9.0	5.5	6.1	6.3	6.3	6.3	2.1	4.9	
	INERTIA	374.5	400.1	426.1	325.4	388.2	444.3	452.8	475.2	435.2	505.3	451.4	G	536.6	646.1	•	670.5	:	ອ		525.9	752.2	7.887	192.8	950.4	866.9	1017.5	936.6	1066.4	6-456	1160.6	1127.	1214.9	1056.9	1305.2	1327.2		1429.2	1525.7	1549.7	1567.6	1298.3	1655.0	
2		•	-	46.1	•	-	•	•	'n	ď	ď	r	'n	6.65	•	63.1	63.7	64.1	67.3	68.0	9.99	72.2	74.7	16.5	80.3	85.5	199	54.3	6.06	30.00		100.4	106.1	107.5	116.3	117.3	119.2	129.5	141.0	145.3		142.3	155.7	
200	ZPL	164.1	173.7	177.9	147.5	165.2	180.2	181.9	184.4	171.3	188.3	172.9	213.6	192.2	218.2	193.9	220.7	4.222	197.4	4.522	180.6	558.6	233.6	233.6	235.8	239.9	267.0	245.0		247.0		000	282.7	53	88	90	258.5		10	303.4	304.4	566.4	308.3	
	4	13.69		-	ø	~		9	9			16.80				17.64			:		G	-	•	20.16	20.76	21.60	22.33	_	_			24.96				-	-	10			-	_		
	-	.6251	•		•		•							•		•		•	•			•		•		•	•	•	•		•	•	• •	-	•	•	:	•	.87	1.000T	625/1.125T	8	1.000T	
	OMINAL S	.375/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	.438/	1005.	.438/	2005.	.438/	.500/	2000	.438/	2005	.438/	.500/	.500/	1005	2005	.500/	.563/	1005.	1000	1006.	1602.	5000	.563/	.563/1.	.563/	.563/	.563/1.	.563/	.563/	.563/1.	.625/	.563/1.	.563/1.	
	NON	X9 X6					1X 6X	X5 X0					2x 5x									2770		12x 6x						X/ X21	X0 X4				14x 8x			14X 8X			14X 7X	-	14x 9x	

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SQ.IN.)

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PLATE

1.000 IN.

NIVER SECTION MODIUS									******	*** BEA	-		******	
Name			SECTION	MODOLU							ME8	FLA	NGE	SHEAR
010 44 6276 6294 6292 6 7623.4 10.6 12.1 14.3 4.28 6 25.5 1 1010 12.0 12.0 1.5 10 11.5 10 11.5 10 11.5 10 12.0 11.5 10 12.0 11.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12.5 10 12	NOMINAL SIZE	HT/FT	ZPL	ZFL	INERTIA	ď	4	YF	AREA	DEPTH	THICK	HIDIH	THICK	ARE
0.0 6 629.6         525.4         6763.1         11.6         12.1         14.4         42.0         07.5         10.0         12.0         12.0         11.4         42.0         22.5         10.0         12.0         11.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0         12.0	(13x1.000/1.375T	80.41	627.6	529.1	7573.4	10.8	15.1	14.3	41.88	25.38	1.000	13.00	1.375	26.38
81.07 552.5 553.4 6497.1 10.0 11.0 11.0 12.5 0 .005 16.00 11.0 1.500 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.	12X1.000/1.500T	90.64	629.8	529.6	7623.1	10.8	15.1		42.00	25.50	1.000	12.00	1.500	26.50
83.04 633.5 557.5 7022.8 10.9 12.4 14.3 52.5 55.75 1.000 114.80 1.750 83.70 633.5 557.5 7022.8 10.9 12.4 14.3 14.3 52.5 55.75 1.000 13.0 1.375 83.5 55.8 55.8 55.8 55.8 55.8 55.8 55.	116X .875/1.500T	81.37	552.5	553.4	6497.1	10.0	11.8	11.7	42.38	22.50	.875	16.00	1.500	20.56
85.69 638.6 557.5 7822.8 18.9 12.4 14.1 43.5 25.38 1.010 14.010 13.01 15.51 15.0 55.6 56.0 586.2 561.1 10.9 12.4 14.6 53.2 55.31 1.010 13.01 15.01 1.500 15.6 56.0 65.6 638.6 565.6 587.7 11.0 12.7 14.0 45.6 12.5 11.0 10 15.01 15.01 15.01 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.00 15.	K11X1.000/1.750T	83.04	638.6	551.9	7919.5	10.9	15.4	14.3	43.25	25.75	1.000	11.00	1.750	26.75
83.52 636.2 561.1 7911.0 10.9 12.4 14.1 43.50 25.50 1.000 13.00 1.570 16.00 15.00 15.00 15.00 15.00 16.50 16.50 65.5 65.5 65.1 7911.0 12.7 13.6 4.6 6.5 75 1.000 12.00 12.00 1.375 16.4 65.5 65.5 65.5 67.1 11.0 12.7 13.6 4.5 10 25.5 10.000 12.00 12.7 13.6 6.5 10.5 10.000 12.00 12.7 13.6 6.5 10.5 10.000 12.00 12.7 13.6 6.5 10.5 10.000 12.5 10.1 12.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10	(14x1.000/1.375T	83.04	633.5	557.5	7822.8	10.9	12.3	14.0	43.25	25.38	1.000	14-00	1.375	26.38
B5.69         6 13.8 4, 46 3         25.73         1.000         15.00         15.75           B5.69         6 56.5         6 11.0         12.7         13.8 45.00         25.75         1.000         15.00         1.57           B6.40         6 47.3         6 22.6         6 400.9         11.0         13.7         46.50         25.75         1.000         15.00         1.570           B9.26         6 47.3         6 22.6         6 400.9         11.1         13.7         46.50         25.50         1.000         15.00         1.500           B9.26         6 51.7         6 52.6         6 400.9         11.1         13.7         46.50         25.50         1.000         15.00         1.500           90.10         17.20         9 52.7         11.1         13.7         46.50         25.50         1.000         15.00         1.500           97.00         17.00         17.00         11.00         13.8         13.5         15.6         6.50         15.00         15.7           95.00         17.00         17.00         17.00         17.00         17.00         17.00         17.00         17.00         17.00           95.00         17.00         17.00	(13X1.000/1.500T	83.52	636.2	561.1	7901.0	10.9	15.4	14.1	43.50	25.50	1.000	13.00	1.500	26.50
B6.40         645.6         587.9         623.0         11.0         12.7         14.0         45.00         25.57         1.000         12.0           B6.40         645.0         642.0         65.0         1.000         13.0         13.0         45.00         25.50         1.000         15.00         1.500           B6.40         647.0         623.6         640.9         11.1         13.1         13.1         13.0         146.8         25.75         1.000         15.00         15.00           90.0         17.2         651.0         652.7         1.000         13.0         1.25.7         1.000         13.0           91.0         72.6         672.0         676.0         676.0         1.2.7         1.000         13.0         1.2.7           92.6         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0 <th< td=""><td>(15X1.000/1.375T</td><td>85.69</td><td>638.8</td><td>585.5</td><td>8059.1</td><td>10.9</td><td>12.6</td><td>13.8</td><td>44.63</td><td>25.38</td><td>1.000</td><td>15.00</td><td>1.375</td><td>26.38</td></th<>	(15X1.000/1.375T	85.69	638.8	585.5	8059.1	10.9	12.6	13.8	44.63	25.38	1.000	15.00	1.375	26.38
86.40         642.0         591.7         8159.6         11.0         12.7         13.5         45.00         25.5         1.000         15.00         15.00           89.26         652.6         640.09.9         11.1         13.1         13.5         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	K12X1.000/1.750T	86.40	9.549	587.9	8230.7	11.0	15.7	14.0	45.00	25.75	1.000	12.00	1.750	26.75
89.26         647.3         622.6         6409.9         11.0         13.0         46.50         25.50         1.000         15.00         15.00         15.90           90.76         651.3         652.6         611.0         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.1         13.2         14.0         13.5         15.0         46.85         26.3         11.25         12.0         13.7         9.2         9.3         11.25         12.0         13.75         9.2         9.2         13.0         13.75         9.2         9.2         13.0         13.75         9.2         9.2         13.0         13.75         9.2         9.2         13.0         13.75         9.2         9.2         13.0         13.75         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         9.2         <	K14X1.000/1.500T	86.40	642.0	591.7	8159.6	11.0	12.7		45.00	25.50	1.000	14.00	1.500	26.50
89.76         651.9         623.6         8526.9         11.1         13.7         46.75         25.75         1.000         13.00         1.750           90.01         722.5         592.7         9566.2         11.7         13.2         16.1         46.25         26.38         1.125         12.00         1.375           92.89         732.6         625.2         9922.3         11.8         13.6         15.6         46.25         26.38         1.125         12.00         1.375           95.89         737.6         656.7         10.00         13.6         15.6         46.25         26.38         1.125         12.00         1.375           95.87         740.7         659.6         10.201.2         11.9         13.9         15.6         49.65         26.50         1.125         13.70           96.65         770.7         665.7         10.00         13.9         15.6         49.65         1.25         1.00         1.25           96.65         770.7         669.4         10.201.2         11.9         13.9         15.6         49.65         26.50         1.125         13.0         1.250           101.20         770.6         10.00         12.1	115X1.000/1.500T	89.28	647.3	622.6	6.6049	11.0	13.0		46.50	25.50	1.000	15.00	1.500	26.50
90.01 722.5 592.7 9566.2 11.7 13.2 16.1 46.88 28.36 1.125 12.00 1.375 92.64 730.5 624.6 9892.7 11.8 13.6 13.5 58.5 11.125 13.00 1.375 92.96 737.5 658.7 8011.9 11.1 13.4 13.4 48.50 25.75 1.010 14.25 13.00 1.375 92.92 737.7 655.6 10.199.1 11.8 13.6 13.6 48.50 25.75 1.010 14.25 14.00 1.750 95.27 737.7 655.6 10.199.1 11.8 13.6 15.9 48.50 25.75 1.010 14.25 14.00 1.750 95.29 737.7 740.7 655.6 10.199.1 11.8 13.8 15.6 49.65 28.50 1.125 13.00 1.750 96.65 751.6 69.4 10221.2 11.9 13.9 15.6 49.65 28.50 1.125 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 10.15 13.00 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.	(13X1.000/1.750T	89.76	651.9	623.8	8526.9	11.1	13.1	13.7	46.75	25.75	1.000	13.00	1.750	26.75
92.64 730.5 624.6 9992.7 11.8 13.6 15.8 48.25 28.38 1.125 13.00 1.375 93.0 1.375 95.29 737.7 655.7 8010.9 11.8 13.6 13.6 48.38 28.51 1.125 12.010 16.00 1.501 95.29 737.7 655.6 12198.9 11.1 13.4 13.6 13.6 49.63 28.36 1.125 12.010 16.010 1.501 95.29 737.7 655.6 12198.9 11.1 13.4 13.6 49.63 28.36 1.125 13.010 14.375 95.29 737.7 655.6 12198.9 11.2 11.9 13.9 15.6 49.63 28.36 1.125 13.01 1.575 13.01 1.575 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0	(12X1-125/1-375T	90.01	722.5	592.7	9566.2	11.7	13.2	16.1	46.88	28.38	1.125	12,00	1.375	33.05
95.89 732.6 625.2 9952.3 11.8 13.6 15.9 48.36 28.50 1.125 12.010 1.500 93.12 657.4 658.7 8011.9 11.8 13.4 13.4 148.51 25.75 11.010 14.010 1.575 95.27 737.7 655.6 10190.1 11.8 13.9 15.6 49.68 28.50 1.125 14.010 1.575 19.69 95.27 751.6 659.4 10291.2 11.8 13.9 15.6 49.68 28.50 1.125 13.00 1.575 19.69 10.125 13.00 1.575 10.125 751.6 659.4 10697.3 12.0 14.2 15.5 551.36 28.75 11.010 15.00 1.750 10.1.53 754.6 652.7 694.9 1073.6 11.1 13.7 13.1 50.25 25.75 11.010 15.00 1.750 10.1.53 754.6 652.7 694.9 1075.6 12.0 14.2 15.2 551.36 28.75 11.25 12.00 1.750 10.1.55 754.6 672.7 66.4 727.4 10926.0 12.0 14.5 15.0 15.0 1.1.25 12.0 1.1.25 12.0 1.750 10.1.25 754.6 727.4 10926.0 12.0 14.5 15.0 1.1.25 12.0 1.1.25 13.0 1.2.5 10.1 10.1.25 756.4 751.8 11.4 10.1 1.2 14.9 14.9 54.86 28.75 11.125 13.0 1.2.5 10.1 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 11.0 1.2.5 1	27X13X1.125/1.375F	95.64	730.5	9.429	9892.7	11.8	13.5	15.8	48.25	28.38	1.125	13.00	1.375	33.05
93.12 657.4 656.7 8801.9 11.1 13.4 13.4 46.50 25.75 1.000 14.00 1.750 95.12 657.4 656.5 10198.1 11.8 13.9 15.6 49.63 28.38 1.125 14.00 1.375 95.29 737.7 655.6 10198.1 11.9 13.9 13.9 15.6 49.63 28.38 1.125 14.00 1.375 95.29 737.7 655.6 10198.1 11.9 13.9 13.9 15.6 10.125 13.00 1.275 96.40 662.7 694.9 9073.6 11.1 13.7 13.1 50.25 25.75 1.010 1.125 13.00 1.750 101.5 754.6 652.7 694.9 9073.6 11.1 13.7 13.1 50.25 25.75 1.010 1.550 1.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.750 101.	K12X1.125/1.500T	92.89	732.8	625.2	9952.3	11.8		15.9	48.38	28.50	1.125	12.00	1.500	33.19
95.29 737.7 655.6 10198.1 11.8 13.8 15.6 49.63 28.36 1.125 14.00 1.375 95.27 740.7 7659.4 10291.2 11.9 13.9 15.6 49.63 28.36 1.125 13.00 1.570 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.	24X14X1.000/1.750T	93.12	657.4	658.7	8801.9	1111	13.4	13.4	48.50	25.75	1.000	14.00	1.750	26.75
95.77 760.7 659.4 10291.2 11.9 13.9 15.6 49.80 28.50 1.125 13.00 1.500 95.77 760.7 669.4 10291.2 11.9 13.7 13.1 50.25 25.75 1.010 15.00 1.750 96.48 662.7 694.9 9073.6 11.1 13.7 13.1 50.25 25.75 1.010 15.00 1.750 101.53 754.6 727.4 10926.0 12.0 14.2 15.5 51.38 28.59 1.125 12.00 1.750 102.01 759.4 728.9 11004.6 12.0 14.0 12.0 14.2 51.38 28.75 1.125 13.00 1.750 102.01 768.4 751.8 11400.7 12.1 14.8 15.2 54.38 29.00 1.125 12.00 2.000 105.2 776.5 776.5 776.5 776.5 1144.0 12.1 14.8 15.2 54.88 29.00 1.125 12.00 1.750 116.2 776.5 776.5 776.5 11794.2 12.2 12.2 12.2 14.00 1.125 14.00 1.750 116.2 776.5 176.5 11794.2 12.2 12.2 14.8 56.36 29.00 1.125 12.00 1.750 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 1.950 116.00 116.00 116.00 116.00 116.00 116.00 11.950 116.00 1.950 116.00 1.950 116.00 11.950 116.00 11.950 116.00 116.00 116.00 11.950 116.00 116.00 11.950 116.00 116.00 116.00 116.10 11.950 116.00 116.00 116.00 116.00 116.00 116.00 116.00 116.10 116.00 116.00 116.10 116.00 116.00 116.10 116.00 116.10 116.00 116.10 116.00 116.10 116.00 116.00 116.10 116.00 116.10 116.00 116.10 116.00 116.10 116.00 116.10 116.00 116.10 116.10 116.00 116.10 116.00 116.10 116.00 116.00	C14X1-125/1-375T	95.29	737.7	655.6	10198.1	11.8	13.8		49.63	28.38	1.125	14.00	1.375	33.15
96.46 662.7 694.9 9173.6 11.1 13.7 13.1 50.25 25.75 1.010 15.00 1.750 10.05.6 56.75 5.751.6 689.4 10697.3 12.0 14.2 15.5 51.38 28.75 1.125 12.0 1.750 10.05.75 1.5.6 689.4 10697.3 12.0 14.5 15.8 28.75 1.125 12.0 1.750 10.05.75 1.25.6 12.0 1.750 10.05.75 1.25.6 12.0 1.25 12.0 1.750 10.05.75 1.25.6 11.05.4 1750 10.05.75 1.25.6 11.05.6 11.05.6 12.1 14.6 15.2 53.13 26.75 1.125 12.0 1.750 10.05.1 10.05.1 11.05.1 14.6 15.2 54.38 29.0 1.125 12.0 1.750 10.05.1 10.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3 1.05.3	(13x1.125/1.500T	95.77	7.0.7	4.659	10291.2	11.9	13.9	15.6	49.88	28.50	1.125	13.00	1.500	33.19
98.65 751.6 689.4 10697.3 12.0 14.2 15.5 51.38 28.75 1.125 12.00 1.750 101.53 754.6 727.4 10926.0 12.0 14.5 15.8 28.58 1.125 13.00 1.750 102.41 769.4 761.9 11002.0 12.0 14.5 15.8 28.58 1.125 13.0 1.750 1.750 102.41 769.4 751.8 11400.7 12.1 14.8 15.2 54.38 28.59 11.125 12.0 1.750 1.750 105.37 766.6 768.1 11414.0 12.1 14.9 14.9 54.8 28.75 1.125 12.0 0 1.750 105.37 766.6 768.1 11414.0 12.1 14.9 14.9 56.36 29.00 1.125 14.00 1.750 115.00 1.750 115.00 1.750 115.00 1.750 115.00 1.750 115.00 1.750 115.00 1.750 115.00 879.3 88.1 14414.0 12.1 16.3 16.2 16.5 60.00 31.5 1 1.25 14.00 1.750 119.0 885.6 886.1 14.505.4 13.0 16.3 16.2 61.5 0 31.5 0 1.250 14.00 1.500 1.29.12 908.2 1014.6 15694.5 13.2 17.3 15.5 67.25 31.75 1.250 14.00 1.750 129.12 908.2 1014.6 15694.5 13.2 17.7 15.3 69.5 0 12.2 0 15.00 1.750 144.2 19.5 10.5 0 1.250 17.0 1.750 144.2 10.3 11.2 11.2 11.2 11.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.	(15x1.000/1.750T	96.48	662.7	6.469	9073.6	11:1	13.7	13.1	50.25	25.75	1.000	15.00	1.750	26.75
101.53 754.6 727.4 10926.0 12.0 14.5 15.0 52.86 28.50 1.125 15.00 1.500 1.500 1.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10.025 10	(12X1-125/1-750T	98.65	751.6	689.4	10697.3	15.0	14.2	15.5	51.38	28.75	1.125	12.00	1.750	33.47
102.01 759.4 728.9 11064.6 12.1 14.6 15.2 53.13 26.75 1.125 13.00 1.750 104.41 768.4 751.8 114010.7 12.1 14.6 15.2 54.38 29.00 1.125 12.00 2.010 1.750 106.25 776.2 776.2 12.6.1 11414.0 12.1 14.9 14.9 54.38 29.00 1.125 14.00 1.750 116.20 1776.2 776.2 12.8.2 14.0 16.3 16.8 16.8 16.1 11.125 14.0 1.750 115.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15.2 14.0 1.15 14.0 1.15.2 11.10.0 14.2 11.2 11.2 11.2 11.2 11.2 11.2 11.2	(15x1-125/1-500T	5	154.6	727.4	10926.0	15.0	14.5	15.0	52.88	28.50	1.125	15.00	1.500	33.19
106.41 768.4 751.8 114,00.7 12.1 14.8 15.2 54.38 29.00 1.125 12.00 2.000 105.37 766.6 768.1 11414.0 12.1 14.9 14.9 54.38 29.00 1.125 12.00 2.000 106.25 14.00 1.750 1106.25 776.2 766.6 768.1 11414.0 12.1 14.9 14.9 54.38 29.00 1.125 13.00 2.000 1106.25 77.1 12.2 77.1 16.00 15.5 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.2 10 1.	(13x1.125/1.750T	•	1.651	728.9	11064.6	15.1	14.6	12.5	53.13	28.75	1.125	13.00	1.750	33.47
1165.37 766.6 768.1 11414.0 12.1 14.9 14.9 54.86 28.75 1.125 14.00 1.750 1.06.2 776.2 776.2 776.2 776.2 17.06.6 11794.2 12.2 15.2 14.8 56.38 29.00 1.225 15.2 15.0 19.0 115.00 1.250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0250 1.0	(12x1-125/2-000T	104.41	768.4	751.8	11400.7	15.1	14.8	2	54.38	29.00	1.125	12.00	2.000	33.75
115.20 871.6 843.0 13928.4 13.0 16.5 60.00 31.50 1.255 13.80 2.00 1.500 1.500 1.500 1.500 1.500 1.500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.5500 1.550	(14x1-125/1-750T	105.37	166.6	768.1	11414.0	15.1	14.9	6	24.88	28.75	1-125	14.00	1.750	33.47
115.20 871.6 843.0 13928.4 13.0 16.0 16.5 60.00 31.50 1.250 15.00 1.590 1.590 11.80 118.08 879.3 880.1 14.295.4 13.0 16.3 16.2 61.50 31.50 1.250 16.00 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590 1.590	(13X1-125/2-000T	108.25	776.2	196.6	11794.2	15.2	15.2		56.38	29.00	1.125	13.00	2.000	33.75
118.08 879.3 880.1 14.295.4 13.0 16.2 61.50 31.50 1.250 16.80 1.590 119.04 885.6 886.1 14506.1 13.1 16.4 16.4 62.00 31.75 1.250 14.00 1.750 129.04 815.6 886.1 14506.1 13.1 16.4 16.4 62.00 31.75 1.250 14.00 1.750 129.04 913.4 1014.6 15660.8 13.2 17.4 15.6 67.50 12.290 17.01 1.750 133.44 920.9 1014.6 1580.8 13.2 17.4 15.6 67.50 12.290 15.00 2.010 144.25 1043.2 1154.8 1978.9 13.3 17.4 15.6 67.50 32.00 1.250 15.00 2.010 144.25 1043.2 1154.8 1978.5 14.2 18.8 17.0 75.13 34.75 1.375 17.00 2.010 145.5 1045.7 1056.3 1259.6 14.2 18.8 17.1 75.38 35.00 1.375 15.00 2.010 157.4 1106.3 1259.6 2078.7 14.2 19.2 16.8 77.38 35.00 1.375 15.00 2.010 157.4 1106.3 1257.2 23591.5 15.0 20.0 18.8 82.00 37.75 1.500 17.00 1.750 161.28 1196.6 1306.0 24.34.4 15.0 20.3 18.5 83.75 37.75 1.500 17.00 1.750 161.28 1196.6 1306.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.01 12.07.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 15.00 2.000	(15x1.250/1.500T	115.20	871.8	843.0	13928.4	13.0	16.0	16.5	60.00	31.50	1.250	15.00	1.500	40.63
119.04 885.6 886.1 14506.1 13.1 16.4 16.4 62.00 31.75 1.250 14.00 1.750 129.12 918.2 1014.6 15694.5 13.2 17.3 15.5 67.25 31.77 1.250 17.00 1.750 129.00 13.4 1014.4 15860.8 13.2 17.4 15.6 67.50 32.00 1.250 15.00 2.000 144.25 1043.2 1154.8 13.2 17.4 15.6 67.51 32.00 1.250 15.00 2.000 144.25 1043.2 1154.8 1978.9 13.3 17.7 15.3 69.50 1.375 17.0 1.750 15.00 1.000 144.73 1048.6 1154.8 19785.9 14.2 18.9 17.1 75.3 35.00 1.375 17.00 2.000 145.57 1057.8 1207.8 1207.0 2.059 14.2 19.2 16.8 17.3 35.00 1.375 15.00 2.000 157.4 1180.5 1257.2 23591.5 15.0 20.0 18.8 87.3 35.00 1.375 17.00 2.000 157.4 1180.5 1257.2 23591.5 15.0 20.0 18.8 83.75 15.50 15.00 1.750 161.28 1196.6 1316.0 24.34.4 15.0 20.3 18.5 83.75 37.75 1.500 17.00 1.750 161.28 1196.6 1316.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 15.00 2.000	(16x1.250/1.500T	118.08	879.3	880.1	14295.4	13.0	16.3	16.2	61.50	31.50	1.250	16.00	1.500	40.63
129.12 908.2 1014.6 15694.5 13.2 17.3 15.5 67.25 31.75 1.250 17.00 1.750 129.12 908.2 1014.6 15604.8 13.2 17.4 15.6 67.50 32.00 1.250 15.00 2.000 143.4 1014.2 105.2 17.4 15.5 67.5 32.00 1.250 15.00 2.000 143.2 1154.8 19593.6 14.1 18.8 17.1 75.38 35.00 1.250 16.00 2.000 144.73 1048.8 1154.8 19785.9 14.2 18.9 17.1 75.38 35.00 1.375 17.00 2.000 145.57 1057.8 1207.0 20295.2 14.2 19.2 16.8 77.38 35.00 1.375 15.00 2.000 157.4 1106.3 1259.6 20787.7 14.2 19.5 16.8 77.38 35.00 1.375 17.00 2.000 157.4 1100.5 1257.2 23591.5 15.0 20.0 18.8 82.00 17.75 1.500 15.80 16.80 16.80 10.66 13.06.1 24354.4 15.0 20.3 18.5 83.75 37.75 1.500 17.00 1.750 161.28 1196.6 13.06.1 24354.4 15.1 20.4 18.8 84.00 38.00 1.500 17.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 15.00 2.000	(14X1.250/1.750T	119.04	985.6	886.1	14506.1	13.1	16.4	16.4	62.00	31.75	1.250	14.00	1.750	16.01
129.60 913.4 1014.4 15960.8 13.2 17.4 15.6 67.50 32.00 1.250 15.00 2.000 133.44 920.9 1053.2 16283.9 13.3 17.7 15.3 69.50 32.00 1.250 16.00 2.000 144.25 1043.2 1053.2 16283.9 14.2 16.0 17.0 75.13 34.75 1.275 17.00 1.750 144.25 1043.2 1154.0 19785.9 14.2 16.9 17.0 75.13 34.75 1.375 17.00 1.750 145.57 1057.6 1207.0 20295.2 14.2 19.2 16.8 17.38 35.00 1.375 15.00 2.000 157.44 1186.3 1259.6 20787.7 14.2 19.5 16.8 77.38 35.00 1.375 17.00 2.000 157.44 1180.5 1257.2 23591.5 15.0 20.0 18.8 82.00 37.75 1.500 17.00 1.750 161.28 1196.6 1366.0 24134.4 15.0 20.3 18.5 88.00 38.00 1.500 17.00 1.750 161.28 1196.6 1362.2 24962.9 15.1 20.4 18.8 80.00 38.00 1.500 15.00 2.000	(17X1.250/1.750T	129.12	2.806	1014.6	15694.5	13.2	17.3	15.5	67.25	31.75	1.250	17.00	1.750	*6.04
133.44 920.9 1053.2 16263.9 13.3 17.7 15.3 69.50 32.00 1.250 16.00 2.000 144.25 1043.2 1154.0 19593.6 14.1 10.0 17.13 34.75 1.375 17.00 1.750 144.73 1048.8 1154.0 19785.9 14.2 18.9 17.1 75.30 35.00 1.375 17.00 2.000 145.57 1057.8 1207.0 20295.2 14.2 19.5 16.8 77.30 35.00 1.375 15.00 2.000 152.44 1106.3 1259.6 20787.7 14.2 19.5 16.5 73.36 35.00 1.375 17.00 2.000 157.44 1100.5 1257.2 23591.5 15.0 20.0 18.8 02.00 37.75 1.500 15.00 1.750 1607.8 1190.6 1306.0 24134.4 15.0 20.3 18.5 03.75 37.75 1.500 17.00 1.750 161.20 1196.6 1306.1 24354.4 15.1 20.4 10.6 04.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 10.3 06.00 38.00 1.500 1.500 2.000	(15x1.250/2.000T	129.60	913.4	1014.4	15860.8	13.2	17.4	15.6	67.50	32.00	1.250	15.00	2.000	41.25
144.25 1043.2 1154.8 19593.6 14.1 18.8 17.0 75.13 34.75 1.375 17.00 1.750 144.73 1048.8 1154.8 19785.9 14.2 18.9 17.1 75.38 35.00 1.375 15.00 2.000 149.57 1057.8 1207.0 2.000 149.57 1057.8 1207.0 2.000 152.00 152.4 1106.3 1259.6 20787.7 14.2 19.5 16.5 73.38 35.00 1.375 17.00 2.000 152.4 1106.5 1257.2 23591.5 15.0 20.0 18.8 82.00 37.75 1.500 15.00 1.750 160.8 1190.6 1306.0 24134.4 15.0 20.3 18.5 83.75 15.00 17.00 1.750 161.28 1196.6 1306.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 15.00 2.000	K16X1.250/2.000T	133.44	6.026	1063.2	16283.9	13.3	17.7	15.3	69.50	32.00	1.250	16.00	2.000	41.25
144.73 1048.6 1154.6 19785.9 14.2 18.9 17.1 75.36 35.08 1.375 15.00 2.088 145.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.5 165.	K17X1.375/1.750T	144.25	1043.2	1154.8	19593.6	14.1	18.8	17.0	75.13	34.75	1.375	17.00	1.750	49.16
145.57 1057.8 1207.0 20295.2 14.2 19.2 16.8 77.38 35.00 1.375 16.00 2.000 152.000 152.41 1066.3 1259.6 20787.7 14.2 19.5 16.5 79.38 35.00 1.375 17.00 2.000 157.44 1180.5 1257.2 23591.5 15.0 20.0 18.8 82.00 37.75 1.590 16.80 1.750 167.60 1190.6 1386.0 24134.4 15.0 20.3 18.5 83.75 37.75 1.500 17.00 1.750 1611.28 1196.6 1386.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.000	(15x1.375/2.000T	144.73	1048.8	1154.8	19785.9	14.2	18.9	17.1	75.38	35.00	1.375	15.00	2.000	49.50
152.41 1066.3 1259.6 20787.7 14.2 19.5 16.5 79.36 35.00 1.375 17.00 2.000 4 157.44 1180.5 1257.2 2591.5 15.0 20.00 4 157.44 1180.5 1257.2 2591.5 15.0 20.0 18.8 82.00 37.75 1.500 16.80 1.750 5 1500 17.00 1.750 5 1500 1500 17.00 1.750 5 151.28 1196.6 1306.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 5 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.000 5	(16x1.375/2.000T	5	1057.8	1207.0	20295.2	14.2	19.5		_	35.00	1.375	16.00	2.000	49.50
157.44 1180.5 1257.2 23591.5 15.0 20.0 18.8 82.00 37.75 1.500 16.80 1.750 1600 1.750 1600 1.750 1600 1.750 1600 1.750 1600 1.750 1600 1190.6 1306.0 17.00 17.00 1.750 161.28 1196.6 1306.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.000	K17X1.375/2.000T	152.41	1066.3	1259.6	20787.7	14.2	19.5	16.5	_	35.00	1.375	17.00	2.080	49.50
160.80 1190.6 1306.0 24134.4 15.0 20.3 18.5 83.75 37.75 1.500 17.00 1.750 161.28 1196.6 1306.1 24354.4 15.1 20.4 18.6 84.00 38.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.000	(16X1.500/1.750T	157.44	1180.5	1257.2	23591.5	15.0	20.0	18.8	82.00	37.75	1.500	16.00	1.750	50.13
161.28 1196.6 1306.1 24354.4 15.1 20.4 16.6 84.00 36.00 1.500 15.00 2.000 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.000	(17X1.500/1.750T	20	1190.6	1306.0	24134.4	15.0	20.3	19.5	83.75	37.75	1.500	17.00	1.750	58.13
07 165.12 1207.4 1362.2 24962.9 15.1 20.7 18.3 86.00 38.00 1.500 16.00 2.0	(15x1.500/2.000T	161.28	1196.6	1306.1	24354.4	15.1	20.4	18.6	84.00	38.00	1.500	15.00	0	58.50
	(16X1.500/2.000T	165.12	1207.4	1362.2	54962.9	15.1	20.7	18.3	96.00	38.00	1.500	16.00	2.000	58.50

1.000 IN. PLATE (AREA= 23.00 SQ.IN.)

R VP VF VF AREA DEPTH THICK NO. 2 of 3 of 4 of 5
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7. 7. 3.7 1.06 3.25 .188  7. 7. 7. 3.8 1.19 3.25 .188  7. 7. 7. 7. 7. 1.28 3.31 .188  7. 7. 7. 7. 7. 1.28 3.31 .188  7. 7. 7. 7. 7. 1.28 4.25 .188  7. 7. 7. 7. 7. 1.28 4.31 .188  7. 7. 7. 7. 7. 1.28 7. 3.8 1.188  7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7
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1.125 IN. PLATE (AREA= 29.11 SQ.IN.)

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•	DE	7.13	7.19	7.50	7.63	1.69	7.75	7.81	6.13	9.44	8.50	8.75	8.81	00.00	9.13	9.19	2000	6.63	9.75	9.94	10.13	10.38	10.50	11.25	11.63	12.00	12.00	12.13	12.38	12.69	13.13	13.75	13.88	14.00	14.75	4:0			9	16.75	
	4		9.6	9.6	7.8	8.8	9.5	9.6	9.4	9.6	9.4	8.5	11.1	4.6	11.1	3.6		10.0	10.9	8.3	10.9	11.0	0.01	10.7	12.4	10.5	12.3	10.6	12.3	12.1	12.0	10.4	11.8	11.9	10.2	11.7	11.5	11.6	11.6	9.7	11.5
	A	2.1	2.1	2.2	2.0	2.1	2.2	2.2	2.3	2.3	5.4	2.3	5.6	5.5	9.2	2	100	2.7	2.8	5.6	2.9	3.0	2.5	3.2	3.4	3.4	3.5	3.4	3.6	3.7		3.7	4.0	4.1	4.0	4.3	4.5	4.6	9.	3	
	4	3.3	3.4	3.5	3.1	3.3	3.6	3.6	3.7	3.5	3.8			3.9	7.4		? .		*	3.8	4.5	9.4			5.5	6.4	5.3	2.0	2.4	2.0	2.6	5.5	5.7	5.6	5.3	5.9	6.1		9.1	2.6	2.0
	THEBTT	397	423.3	451.3	346.5	412.4	471.1	4.80.2	204.7	463.9		481.9	646.5	571.8	565.6	0.560	116.5	6.40.6	757.8					927.9						1240-1					1236.5	•			. 269	1414.6	197.
MODULUS	751	15.7	***	47.0	44.3	47.1	49.8	50.1	53.4	24.0	57.1	56.9	58.1	61.0	61.7	7.40		F. F. F.	69.3	67.8	73.6	76.2	200	87.1	87.9	96.1	92.7	97.1	97.	102.4	08	.60	18.	19.	21.	131.8	143.8	.2	.2		28.
SECTION	701	193.2	204.0	209.5	173.4	194.1	212.6	214.7	218.3	203.1	553.5	205.3	253.4	528.6	259.5	25101	2000	235.8	268.8	215.8	274.3	279.4	200	268.0	319.0	594.9	325.7	297.4	331.3	334.7	340.2	305.7	348.0	350.5	312.5	358.3	365.0	367.4	368.0	323.2	373.9
	-	69		;	69	16	88	0	61	20	35		26	50	25		5:	101	72	80	3.45	5	91.0	21.60	2.33	3.04	3.04	3.29	3.77	4.36	5.24	6.40	6.65	99.9	8.32	8.57	0.24	64.0	1.93	19	2.41
	175	.625T	.5631	.625T		•				•	.688T	.688T			1629.	1000	1000	75.01	.625T	.750T	.688T	1578	1067	.750T	.6251		•	1578.	1057-	. 6661		-			1.000T		1978.	563/1.0001	625/1-1251	563/1.000T	1.0001
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	NON	X9 X6			8x 6x												164 DX	10x 7x						12X 7X		12X 8X				14x /X					12X 8X				14X 7X	_	14x 9x

SECTIONAL SIZE  -688/1.0001 34.56 414 -688/1.0001 36.48 423 -688/1.0001 36.48 423 -688/1.0001 36.48 423 -688/1.0001 36.48 423 -688/1.0201 38.40 437 -688/1.0201 40.32 437 -688/1.0201 40.32 437 -688/1.0201 40.32 437 -688/1.0201 40.32 437 -688/1.0201 40.32 437 -688/1.0201 40.32 437 -750/1.0201 40.32 437 -750/1.0201 40.32 437 -750/1.0201 40.32 437 -750/1.0201 47.04 60.03 -750/1.0201 47.04 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -750/1.0201 60.03 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -875/1.0001 -8														
No.			SECTION								MEB	7	SE.	SHEAR
	SI	HT/FT	ZPL	ZFL		œ	4 A	4.	ш	-	THICK	_	THICK	œ
	.688/1	34.56	0	162.4	-	6.7	5.1	13.0	-	0	.688		•	•
Continue		36.00	5	161.4		2.1	4.7	9.6		-	. 625	0	-	
\$\text{colored}{0}\$ 36.40 \text{colored}{0}\$ 40.50 \text{colored}{0}\$ 4	8 X	36.48	2	177.7		6.9	5.4	15.8		0	.668	0	0	•
Coloniary   Colo	X	37.92	0	187.8	-	7.0	9.6	12.8		N	.688	0	2	•
7507.7574 375 345 469.5 133.8 2240.0 74 5.8 14.2 20.50 18.88 755 669 10075 15. 689 11.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.0	X6	38.40		193.1	-	7.0	9.6	12.5		0	.688	0	0	•
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66844.2017 40.32 477.3 209.3 2257.7 7.1 5.0 12.4 21.13 17.13 668 10.00 1.000 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1.200 1	. x6	60.09		193.8			5.4		•	N	.688		1.250	2
	. xo	40.32	2	208.3	-		5.8	2	-	0	.688	0.0	1.000	4
7507. 1051 41.05 477. 210.1 2907.9 7.6 6.1 13.9 19.00 7.55 9.00 1.075 15.  6007.1257 44.05 7 446.1 220.5 2742.8 7.3 6.1 12.0 22.5 17.13 6.00 10.00 11.25 12.  6007.1257 44.07 42.7 446.1 220.5 2742.8 7.3 6.1 12.0 22.5 17.13 6.00 10.00 11.25 12.  6007.1257 45.0 7 496.5 245.5 3332.2 7.9 6.7 12.0 17.13 6.00 11.0 11.25 12.  6007.1257 45.0 7 496.5 245.5 3332.2 7.9 6.7 12.0 17.13 6.00 11.25 12.  7507.1257 45.0 7 496.5 245.5 3332.2 7.9 6.7 13.6 23.3 19.13 7.50 11.0 11.25 12.  7507.1257 45.0 7 20.0 7 20.0 7 20.0 7 20.0 17.2 13.0 2.0 10.0 19.25 7.5 11.0 11.25 12.  7507.1257 49.0 5 21.2 20.2 30.0 8.0 6.0 13.4 4.0 19.2 7.5 11.0 11.25 12.  7507.1257 49.0 5 21.2 20.0 30.0 8.0 10.0 19.2 7.0 19.0 19.2 7.5 11.0 11.25 12.  7507.1257 49.0 5 21.0 2 30.0 9 30.0 7 475.2 10.0 19.2 7.5 11.0 11.25 12.  7507.1257 5.0 6.0 5 20.0 30.0 9.0 10.0 10.0 19.2 7.5 11.0 11.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 1.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 10.0 1.2 7.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	. x6	40.57	9	209.3	-		6.5	2	_	-	.688	9.0	1.125	.5
*****CFOTT*** (41.2   400.3   210.1   2941.3   7.6   6.1   12.1   22.5   17.13   6.00   11.0   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.10   1.1	9x .750/ .8	41.05		208.9	-		6.1	3	-		.750		.875	-
6007.1257 44.07 466.1 226.5 2782.8 7.3 6.1 12.122.5 17.13 6.00 14.00 1.125 12.  6007.1257 44.09 496.5 245.5 330.2 7.9 6.7 13.6 23.6 19.13 7.0 13.0 12.0 12.5 12.  7507.1257 45.5 45.5 496.5 245.5 330.2 7.9 6.7 13.6 23.6 19.13 7.5 11.0 1.125 12.  7507.1257 45.5 45.5 45.5 245.5 35.4 34.0 1.7 13.4 24.7 19.2 7.5 11.0 1.125 12.  7507.1257 45.5 517.6 26.5 35.4 369.5 0.2 7.2 13.0 25.0 19.13 7.5 11.0 1.125 12.  7507.1257 45.6 517.6 26.5 30.4 369.5 0.2 7.2 13.0 25.0 19.13 7.5 11.0 1.125 12.  7507.1257 45.6 517.6 26.5 30.4 369.5 0.2 7.2 13.0 25.0 19.2 7.5 11.0 1.125 12.  7507.1257 54.10 510.2 310.4 375.5 0.2 7.2 13.0 25.0 19.2 7.5 11.0 1.125 12.  7507.1257 54.2 52.2 52.3 30.4 369.5 0.2 7.2 12.0 27.2 19.2 7.5 11.0 1.125 12.  7507.1257 56.10 56.2 50.2 30.4 40.7 4 7.2 12.0 2.2 5.1 2.2 7.5 11.0 1.125 12.  8757.1257 56.10 56.2 50.2 30.7 40.0 7. 13.0 20.2 5.1 2.2 12.0 1.2 12.0 1.125 12.  8757.1257 56.10 50.0 50.0 30.0 40.0 7. 12.0 2.2 12.0 2.2 12.0 3.0 7.5 11.0 1.125 12.  8757.1257 56.10 56.2 50.0 30.0 50.0 3.0 5.0 1.2 12.0 2.2 5.1 3.0 5.1 3.0 1.125 12.  8757.1257 56.10 56.2 35.0 50.0 3.0 5.0 1.0 1.2 12.0 2.2 5.1 3.0 5.1 3.0 1.125 12.  8757.1257 56.10 50.0 50.0 3.0 50.0 3.0 5.1 5.1 5.2 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1 3.0 5.1	8x .750/1.0	41.28	m	210.1			6.1	;	10	0	.750		0	-
750/11257	. x0	42.72	7	226.5			6.1	2		-	.688	0	1.125	.5
750/1.1257         45.7         45.5         45.5         45.5         45.7         45.5         45.5         45.7         45.6         45.7         45.7         45.7         45.7         45.0         45.0         45.7         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0         45.0	1X .688/1.1	64.89	-	243.5	-	7.4	4.9	:	-	-	.688	0		.5
750/1.2501         47.04         502.7         261.4         3560.9         6.9         13.2         24.5         19.0         750         11.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         10.0         15.0         15.0         10.0         15.0         10.0         15.0         15.0         10.0         15.0         10.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	9x .750/1	45.37	5	245.5	-		1.9			-	.750	•		7
2501 47.52 517.6 263.9 3337.8 6.1 7.0 13.4 24.75 19.25 775 19.00 1.250 15. 2251 49.95 514.8 208.4 3695.5 6.2 7.2 13.1 25.00 19.13 750 11.00 1.250 15. 2251 95.19 514.8 3102.4 3367.7 6.3 7.5 12.6 27 01 19.13 750 11.00 1.250 15. 2251 54.10 521.3 3102.4 3367.7 6.3 7.5 12.6 27 01 19.13 750 11.00 1.250 15. 2251 54.12 521.3 3102.4 3367.7 6.3 7.5 12.6 27 01 19.13 750 11.00 1.250 15. 2251 54.12 521.3 3102.4 4055.2 9.0 0.3 7.5 12.8 27.13 8.75 9.00 1.250 15. 2251 56.16 526.5 317.9 4007.1 8.3 7.6 13.0 29.25 19.50 8.75 9.00 1.250 15. 2251 56.16 526.5 317.9 4007.1 8.3 7.6 13.0 29.25 19.50 8.75 9.00 1.550 15. 2251 59.10 610.9 339.7 5227.5 9.3 8.6 14.9 310.75 22.13 8.75 9.00 1.325 20. 2251 59.10 610.9 339.7 5227.5 9.3 8.6 14.9 31.8 22.3 8.75 9.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.9 31.8 22.13 8.75 12.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.6 31.8 22.5 1 8.75 12.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.6 31.8 22.5 1 8.75 12.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.6 33.8 22.3 8 8.75 12.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.6 33.8 22.5 1 8.75 12.00 1.325 20. 2251 61.21 619.8 370.1 5475.2 9.5 8.6 14.6 33.8 22.5 1 8.75 12.00 1.325 20. 2251 61.20 628.7 540.2 640.2 640.2 640.3 9.2 14.2 33.5 22.3 8.75 12.00 1.325 20. 2251 61.20 61.20 455.0 659.0 649.0 9.8 13.7 35.2 23.3 8.075 13.00 1.325 20. 2251 61.20 70.2 450.2 645.3 645.3 10.2 10.2 11.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1X .750/1	47.04	-	261.4			6.9	*	10	0	.750		1.000	
75/7/1257         49.69         512.3         283.4         3695.5         6.2         7.2         13.0         25.0         19.13         750         11.00         1.125         15.5           750/1.257         51.3         26.2         37.5         12.8         27.00         19.13         .750         11.00         1.250         15.5         15.0         15.0         19.25         .750         11.00         1.250         15.5         15.0         19.25         .750         11.00         1.250         15.5         15.0         15.0         15.0         11.00         1.250         15.5         15.0         15.0         15.0         11.00         1.250         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0         15.0	9x .750/1	47.52	9	263.9			7.0	13.4	•	N	.750	0	1.250	2
75071.2501	11X .750/1	69.64	2	283.4	3695.5		7.2	13.0	-	-	.750	0	1.125	-
75071.1257 51.84 510.2 3102.4 3367.7 8.3 7.5 12.0 27.01 19.13 .750 12.01 1.250 15.5 15.5 15.5 15.2 19.25 .750 11.201 1.250 15.5 15.2 19.25 .750 11.201 1.250 15.5 15.2 19.25 .750 11.201 1.250 15.2 19.25 .750 11.201 1.250 15.2 19.25 .750 11.201 1.250 15.2 19.25 .750 11.201 1.250 15.2 19.25 19.25 .750 11.201 1.250 15.2 19.25 19.25 19.25 .750 11.201 1.250 15.2 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.20 11.250 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25	. xo	49.92		284.9	3736.8		7.3	13.1	_	2	.750	0		2
75/11.2507         52.32         521.3         305.9         3328.1         6.3         7.5         12.8         27.25         19.25         .750         11.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20         15.20 <th< td=""><td>2x .</td><td>.51.84</td><td>2</td><td>302.4</td><td>3867.7</td><td></td><td>7.5</td><td>12.8</td><td>0</td><td>-</td><td>.750</td><td>0</td><td>-</td><td>•</td></th<>	2x .	.51.84	2	302.4	3867.7		7.5	12.8	0	-	.750	0	-	•
875/1.1257         546.72         590.9         3106.7         4715.2         9.0         6.0         15.3         20.5         21.3         .075         9.00         11.25         20.5         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.5         9.00         11.25         20.3         8.7         10.70         11.20         11.20         11.20         9.00         11.25         20.3         8.7         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00         11.25         20.2         9.00 </td <td>1x .</td> <td>52.32</td> <td>2</td> <td>305.9</td> <td>3928.1</td> <td></td> <td>7.5</td> <td>12.8</td> <td></td> <td>N</td> <td>.750</td> <td></td> <td>1.250</td> <td>•</td>	1x .	52.32	2	305.9	3928.1		7.5	12.8		N	.750		1.250	•
875/1-5007         56.16         526.5         307.9         4007.1         8.3         7.6         13.0         29.25         19.50         .075         9.00         1.500         10.80         1.500         1.500         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         1.6         <	<b>X</b> 6	54.72	6	308.7	715.		8.0	15.3	10	-	.875	0	1.125	
875/1.1257         56.89         599.7         330.4         4953.9         9.2         8.3         15.0         29.63         22.13         .875         10.00         1.125         20           .875/1.3757         59.04         610.9         349.7         5227.5         9.3         8.6         14.9         31.80         22.13         .875         19.00         1.125         20           .875/1.1257         61.21         614.0         374.0         5407.2         9.4         8.6         14.6         31.80         22.13         .875         12.00         1.125         20           .875/1.5007         61.69         628.7         396.2         576.2         9.5         14.6         33.35         22.3         9.7         9.0         14.6         33.35         22.5         9.0         17.5         22.3         9.0         17.5         10.0         11.50         10.0         11.50         12.5         20         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500         875/1.500	X6	56.16	5	307.9	007.		1.6	13.0	NI.	5	.875	•	2	
875/1.3757         99.04         610.9         349.7         522.5         9.3         8.6         14.9         30.75         22.3         .875         19.00         1.375         20.           .875/1.1257         59.04         617.5         352.1         9.4         14.7         31.8         22.13         .875         12.00         1.125         28.0           .875/1.1257         61.21         61.9         376.1         5475.2         9.5         8.8         14.6         32.13         22.3         .875         12.00         1.125         28.0           .875/1.3757         61.69         619.7         376.2         9.5         8.9         14.6         32.33         22.33         .875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0         875         20.0         875         10.00         1.375         20.0         875         10.00         1.375         20.0 <td< td=""><td>XO</td><td>56.89</td><td>-</td><td>330.4</td><td>953.</td><td></td><td>8.3</td><td>15.0</td><td></td><td>-</td><td>.875</td><td>•</td><td>-</td><td>•</td></td<>	XO	56.89	-	330.4	953.		8.3	15.0		-	.875	•	-	•
875/1.1257         59.04         607.5         395.0         5407.1257         59.04         607.5         395.0         5407.2         395.0         5407.2         395.0         5407.2         30.0         575.1         30.5         14.6         31.0         22.5         30.5         11.0         1.125.2         22.0         30.5         20.2         31.0         22.5         30.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5         40.5	X6	29.04	0	349.7			8.6	14.9		m	.875		m	•
875/1.1257         61.21         614.6         374.0         9.4         8.8         14.5         31.88         22.13         .875         12.0         1.125         22.8           .875/1.5007         61.21         61.94         370.1         5475.2         9.5         6.8         14.6         32.13         22.50         .875         10.00         1.375         20.           .875/1.5007         64.09         628.7         399.2         5762.6         9.6         9.2         14.6         33.3         22.50         .875         10.00         1.375         20.           .875/1.5007         64.09         628.7         5762.6         9.6         9.2         14.5         33.35         22.50         .875         11.00         1.375         20.           .875/1.5007         64.09         6743.9         9.6         14.1         34.8         22.50         .875         11.00         1.375         20.           .875/1.5007         64.09         6743.9         9.6         14.1         34.8         22.50         .875         11.00         1.375         20.           .875/1.5007         64.09         670.0         10.2         14.6         9.6         14.1         34.8 </td <td>1×</td> <td>29.04</td> <td>607.5</td> <td>352.0</td> <td></td> <td></td> <td>8.5</td> <td>14.7</td> <td></td> <td>-</td> <td>.875</td> <td>0</td> <td>-</td> <td>•</td>	1×	29.04	607.5	352.0			8.5	14.7		-	.875	0	-	•
875/1.500T         61.21         61.21         61.21         61.21         61.21         61.21         61.21         61.22         9.5         9.6         14.6         32.13         22.5         9.7         9.0         14.6         32.13         22.5         9.7         9.0         14.6         32.13         22.5         9.7         9.0         14.6         32.13         22.5         9.7         10.0         11.0         13.7         20.0         20.0         20.0         20.0         9.7         9.0         14.6         32.5         25.5         11.0         11.0         10.0         20.0         20.0         20.0         875         11.0         11.375         20.0         20.0         875         11.0         11.375         20.0         875         11.0         11.375         20.0         875         11.0         11.25         20.0         875         11.0         11.25         20.0         875         11.0         11.2         20.0         875         12.5         20.0         11.2         20.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	X	61.21	614.8	374.0			8.8	14.5	•	-	.875	•	-	•
875/1.3751         61.69         61.69         61.69         61.69         61.69         61.69         61.69         62.13         22.36         875         10.00         1.575         20.           .875/1.3751         64.09         628.7         399.2         5768.2         9.5         14.5         33.38         22.50         .875         11.00         1.375         20.           .875/1.3751         66.97         636.3         427.4         6160.3         9.5         14.1         34.86         22.50         .875         11.00         1.375         20.           .875/1.3751         69.60         405.9         6743.9         10.2         9.6         16.6         35.25         25.13         1.00         11.00         1.125         26.         20.         875         11.00         1.125         26.         20.         875         11.00         1.125         26.         20.         875         11.00         1.125         26.         20.         875         11.00         11.25         26.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.         20.		61.21	619.8	370.1			8.8	14.0	•	5	.875	0	<b>5</b>	
05/5/1.5007         64.09         628.7         399.2         5768.2         9.6         9.2         14.5         53.38         22.5         14.5         53.38         22.5         14.0         40.5         11.0         1.500         20.5           055/1.3757         64.37         40.5         6743.9         10.2         9.6         16.6         35.25         25.31         11.00         1.375         20.6           1.000/1.1257         67.68         699.6         405.9         6743.9         10.2         9.6         16.6         35.25         25.13         1.000         11.00         1.125         26.           1.000/1.1257         69.60         640.9         455.0         6254.7         9.8         13.7         36.25         25.13         1.000         11.25         26.           1.000/1.1257         69.60         640.9         10.4         9.9         15.3         25.3         8.75         13.00         11.25         26.           1.000/1.1257         72.2         646.3         6480.8         9.9         10.0         13.5         22.5         14.0         11.25         26.         8.75         14.0         10.0         11.25         26.         8.6         10.0<	.875/1	61.69	619.7	376.3			6.0	14.6	_,	m ı	.875	0	P3 1	
875/1.5.079	.875/1	60.49		399.2			2.6	14.5	•		618.	3	v i	
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010/1.1251         72.05         645.3         455.2         645.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3         455.3	1971 00071 1257	00.60	1000	422.0	2020		•			7 .			7 .	•
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075/1.3751       72.25       646.5       400.8       6480.8       9.9       10.0       13.5       37.53       22.38       .875       14.00       10.375       20.         010/1.3751       72.46       722.6       456.7       7416.8       10.5       10.1       13.5       37.75       25.38       1.000       10.00       1.375       20.         010/1.5017       72.75       466.4       466.5       7416.8       10.7       10.6       15.9       39.13       25.50       1.000       10.00       26.         010/1.5707       75.61       655.4       512.8       6795.3       10.0       10.4       13.3       39.38       22.50       1.000       11.00       1.500       20.         010/1.5017       75.61       655.1       512.8       6795.3       10.0       10.4       13.3       39.38       22.50       1.000       11.00       15.00       20.         010/1.5017       77.76       742.4       512.8       10.0       10.4       13.3       90.50       25.50       1.000       11.00       15.50       20.         010/1.5017       77.76       742.4       10.0       10.4       15.7       40.50       25.50       1.000	12x1.000/1.125T	72.00		454.3	7302.3		10.2	3				2.0	١.	
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83.104 756.4 569.1 7244.1 10.1 11.9 12.7 43.25 25.75 1000 14.00 1.500 20.8 83.104 756.4 569.1 876.2 10.0 11.0 11.5 15.4 43.25 25.75 1000 14.0 11.5 10.5 10.5 10.8 83.5 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	83.04 755.5 574.4 6848.4 10.1 11.9 12.7 4.8.3 2.5.7 1000 14.00 1.500 20.8 83.04 755.5 574.4 6848.4 10.9 11.4 15.1 43.25 25.75 1.000 14.00 15.00 1.500 20.8 83.04 755.5 574.4 6848.6 10.9 11.4 15.1 43.25 25.35 1.000 14.00 15.00 1.575 26.8 85.6 176.9 603.2 603.2 8736.8 11.0 11.7 14.8 44.6 3 25.36 1.000 12.00 15.00 1.575 26.8 85.6 176.9 603.2 8736.8 11.0 11.7 14.8 44.6 3 25.36 1.000 12.00 15.00 1.775 26.8 85.0 1.000 1.2 10.0 1.750 26.8 85.0 1.000 1.2 10.0 1.750 26.8 85.0 1.000 1.2 10.0 1.750 26.8 85.0 1.000 1.2 10.0 1.750 26.8 85.0 1.0 1.2 1.2 11.1 11.1 11.1 11.1 11.1	12X1.000/1.500F	80.64	750.8	545.8	8415.0	10.9	11.2		42.00	25.50	1.000	12-00	1.500	26.63
83.04 755.5 574.6 869.1 875.6 11.0 11.5 15.4 43.5 25.75 1.000 14.010 1.750 26.8 83.04 755.5 577.2 865.8 11.0 11.0 11.7 15.1 43.5 25.36 1.000 15.01 15.01 1.570 26.8 85.63 761.9 805.2 9133.9 11.0 11.7 15.4 45.8 25.5 1.000 15.00 15.00 1.375 26.8 85.40 763.6 606.2 9133.9 11.1 11.8 15.0 15.0 25.75 1.000 15.00 15.00 1.375 26.8 85.40 763.6 606.2 9133.9 11.1 11.8 15.0 10.2 5.75 1.000 15.00 15.00 1.375 26.8 85.40 763.6 606.2 9133.9 11.1 11.8 15.0 10.2 5.5 1 1.000 15.00 15.00 1.375 26.8 85.40 763.6 606.2 9133.9 11.1 11.8 15.0 12.5 5.0 1.000 15.00 15.00 1.375 26.8 85.40 763.6 606.2 9133.9 11.1 11.8 15.2 14.7 46.75 25.75 1.000 15.00 15.00 1.375 26.8 89.75 772.4 643.2 9459.3 11.2 12.2 14.7 46.75 25.75 1.000 15.00 15.70 1.375 33.9 22.89 865.3 645.7 1084.8 19.8 1.12 12.2 14.7 46.75 25.75 1.000 15.00 1.375 33.9 22.89 865.3 645.7 1084.8 11.9 12.7 17.0 48.30 28.75 11.25 12.00 1.375 33.9 26.8 88.4 775.7 64.9 11.9 12.7 17.0 48.30 28.75 11.25 12.00 1.375 33.9 28.6 88.4 775.7 64.9 11.9 12.7 17.0 48.30 28.75 11.25 12.00 1.375 33.9 28.6 88.4 775.7 64.9 11.9 12.7 17.0 48.30 28.75 11.25 12.00 1.375 33.9 28.6 88.4 775.7 64.9 10.00 1.2 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.0 1.3 12.2 11.3 11.3 11.3 11.3 11.3 11.3	83.04 765.4 569.1 8752.6 11.0 11.5 15.4 43.25 25.35 1.000 11.010 1.759 26.8 83.52 755.5 574.4 646.2 11.0 11.5 15.1 43.50 25.30 1.000 13.00 1.557 26.8 85.5 761.5 603.2 8753.3 11.0 11.7 14.8 44.6 5 25.5 1.000 15.00 15.00 1.575 26.8 85.4 1 765.6 603.7 25.2 11.0 11.8 15.0 45.00 25.7 1.000 15.00 15.00 1.575 26.8 85.4 1 765.6 603.7 25.1 11.0 11.8 15.0 45.00 25.7 1.000 15.00 1.570 26.8 85.4 1 765.6 603.7 25.1 11.0 11.8 15.0 45.00 25.7 1.000 15.00 1.570 26.8 85.4 1 765.6 603.7 25.1 11.0 11.8 15.0 45.00 25.7 1.000 15.00 15.00 1.570 26.8 85.3 1.000 15.00 15.00 1.570 26.8 85.3 1.000 15.00 15.00 1.570 26.8 85.3 1.000 15.00 1.570 26.8 85.3 1.000 15.00 1.570 26.8 85.3 1.000 15.00 1.570 26.8 85.3 1.000 15.00 1.570 26.8 85.3 1.000 15.00 1.570 26.8 85.3 1.000 15.00 1.570 1.570 26.8 85.3 1.000 15.00 1.570 1.570 25.8 1.000 15.00 1.570 1.570 25.8 1.000 15.00 1.570 1.570 25.8 1.000 15.00 1.570 1.570 25.8 1.000 15.00 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.570 1.5	16X .875/1.500T	81.37	664.8	569.1	7244.1	10.1	10.9		42.38	22.50	.875	16.00	1.500	20.67
83.20 765.5 574.4 666.8 10.9 11.4 15.15 15.1 43.50 25.50 1.000 13.00 13.00 2.875 26.85 6.98 18.50 761.9 603.2 9735.8 11.0 11.7 14.8 44.63 25.30 1.000 13.00 13.00 1.8750 26.85 6.99 761.9 603.2 9923.3 11.0 11.1 12.1 14.8 44.63 25.30 1.000 13.00 13.00 1.8750 26.85 6.90 772.1 641.5 9923.3 11.0 11.2 14.8 44.63 25.30 1.000 15.00 15.00 1.8750 26.85 6.90 772.1 641.5 9923.3 11.0 11.2 14.8 44.63 25.50 1.000 15.00 15.00 1.8750 26.89 9.7 77.1 64.32 9429.3 11.0 12.1 12.1 14.8 14.8 7.7 1.000 15.00 15.00 1.8750 26.89 9.7 77.1 64.32 9429.3 11.2 12.2 14.7 46.75 25.50 1.000 15.00 15.00 1.8750 26.90 9.7 77.1 64.32 9429.3 11.2 12.2 14.7 46.75 26.88 11.25 12.00 1.8750 26.90 9.7 97.2 1.000 15.00 1.8750 26.90 9.7 96.3 46.5 7 10.00 15.00 1.8750 26.90 9.7 97.2 1.000 1.8750 26.90 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	83.52 756.7 578.4 646.8 10.9 11.4 15.1 14.5 5 55.1 1.000 15.00 14.00 1.375 26.8 15.00 15.00 15.00 1.375 26.8 15.00 15.00 15.00 1.375 26.8 15.00 15.00 15.00 1.375 26.8 15.00 1.56.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.275.0 1.	11X1.000/1.750F	83.04	761.4	569.1	8752.6	11.0	11.5		43.25	25.75	1.000	11.00	1.750	26.88
83.57.768.7 578.7 578.2 875.8 111.0 11.5 14.45.6 125.0 11.000 15.00 15.00 1.879 26.8 86.40 769.8 605.2 9113.9 111.0 11.8 15.0 45.40 25.75 1.000 15.00 15.00 1.879 26.8 86.40 769.8 606.2 9113.9 111.0 11.8 15.0 45.40 25.75 1.000 15.00 15.00 1.879 26.8 86.40 765.6 6019.7 9313.9 111.0 11.8 15.0 45.40 25.75 1.000 15.00 15.00 1.879 26.8 86.40 765.6 6019.7 9329.1 111.0 11.8 12.2 14.7 46.75 25.50 1.000 15.00 15.00 15.00 26.9 89.75 777.4 643.2 945.9 11.0 12.2 14.7 46.75 25.75 1.000 15.00 15.70 1.875 25.8 89.10 15.2 10.8 12.2 11.0 12.2 14.7 46.75 25.75 1.000 15.00 1.875 25.8 89.1 12.2 12.2 11.9 12.7 17.2 46.8 26.8 1.12 12.2 12.0 1.875 33.9 92.6 46.5 60.3 645.7 1960.4 11.9 12.7 17.0 46.75 25.75 1.000 15.00 1.875 25.8 93.1 12.2 12.2 12.2 12.2 12.2 12.2 12.2 1	85.57 758.7 578.7 578.2 8755.8 11.0 11.5 14.5 15.5 15.0 1.000 15.00 15.00 1.570 26.8 86.40 769.8 605.2 9113.9 11.0 11.5 14.6 44.63 25.75 1.000 15.00 15.00 1.757 26.8 86.40 769.8 606.2 9113.9 11.0 11.8 15.0 45.00 25.75 1.000 15.00 15.00 1.757 26.8 86.40 769.8 606.2 9113.9 11.1 11.1 14.5 46.50 25.75 1.000 15.00 15.00 15.00 26.8 89.20 772.1 641.5 9329.3 11.2 12.2 14.7 46.75 25.75 1.000 13.00 15.00 15.70 26.8 89.20 777.4 643.2 9459.3 11.2 12.2 14.7 46.75 25.75 1.000 13.00 13.00 1.375 33.9 82.89 86.3 642.2 105.2 10.8 10.8 11.2 12.2 14.7 46.75 25.75 1.000 13.00 13.00 1.375 33.9 82.89 86.3 64.2 5.6 16.9 40.2 5.75 1.000 13.00 1.375 33.9 82.89 86.3 64.3 64.2 5.2 14.0 1.3 12.5 13.00 1.375 33.9 82.89 86.3 11.2 74.4 67.7 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 64.5 5.2 14.2 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.4 74.5 74.5	14X1.000/1.375T	83.04	755.5	574.4	8648.8	10.9	11.4		43.25	25.38	1.000	-	1.375	26.51
85.49 761.9 6103.2 8923.3 11.0 11.7 14.8 44.63 25.53 1.000 15.00 1.757 26.8 6.40 765.6 610.7 9113.9 11.1 12.1 14.5 46.50 25.51 1.000 12.00 14.70 26.8 65.40 765.6 610.7 9113.9 11.1 12.1 14.5 46.50 25.51 1.000 12.00 15.00 1.759 26.8 65.40 765.6 610.7 9113.9 11.1 12.1 14.5 46.50 25.57 1.000 15.00 1.750 26.8 69.7 64.3 613.2 10571.9 11.2 12.2 14.7 46.8 26.7 5 1.000 15.00 1.750 26.9 99.7 11.0 12.1 12.1 12.1 14.5 46.7 5 26.7 5 1.000 15.00 1.750 26.9 90.01 85.0 1.000 1.750 26.9 90.01 85.0 1.000 1.750 26.9 90.01 85.2 1.0571.9 11.2 12.2 12.2 14.7 46.8 26.5 1 1.125 12.2 10.1 1.750 26.9 92.8 866.3 645.7 10960.4 11.9 12.6 16.8 26.5 1 1.125 12.5 12.00 1.375 33.9 92.8 866.3 645.7 10960.4 11.9 12.6 16.8 26.5 1 1.125 12.2 12.0 1.750 26.9 95.2 1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	85.49 761.9 6103.2 8923.3 11.0 11.7 14.8 44.63 25.38 1.001 15.00 1.575 26.86.40 765.6 610.7 9103.3 11.0 11.0 14.6 44.63 25.51 1.001 15.00 1.759 26.86.40 765.6 610.7 9103.3 11.0 11.0 14.6 45.10 25.51 1.001 15.00 1.750 26.86.40 765.6 610.7 949.3 11.2 12.2 14.5 46.70 25.51 1.001 15.00 1.750 26.89.7 777.4 64.2 9499.3 11.2 12.2 14.7 46.88 28.38 1.125 12.00 1.375 33.92 89.80.3 64.5 1.006.4 11.9 12.6 16.8 28.51 1.125 12.20 1.375 33.92 89.80.3 64.5 1.006.4 11.9 12.6 16.8 28.51 1.125 12.20 1.375 33.92 89.80.3 64.5 1.006.4 11.9 12.6 16.8 28.51 1.125 12.00 1.375 33.92 89.80.3 64.5 1.006.4 11.9 12.6 16.8 28.50 1.125 12.00 1.375 33.92 89.80.3 64.5 1.006.4 11.9 12.6 16.8 28.50 1.125 12.00 1.570 26.9 27.0 1.006.4 11.9 12.6 16.8 28.50 1.125 12.00 1.575 26.9 12.00 1.375 33.9 10.0 1.750 1.375 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0	13X1.000/1.500T	83.52	7.867	518.2	8736.8	11.0	11.5		43.50	25.50	1.000	-	1.500	26.63
86.40 769.6 606.2 9113.9 11.1 11.8 15.0 45.00 25.75 1.000 12.00 1.500 26.8 69.2 609.7 937.3 11.0 11.0 14.6 45.00 25.5 1.000 15.00 15.00 26.8 69.2 7772.1 641.5 9729.3 11.2 12.1 12.1 12.1 12.1 12.1 12.1 12	86.40 769.8 606.2 9113.9 11.1 11.8 15.0 45.00 25.75 1.000 12.00 1.750 26.8 69.20 772.1 641.5 917.3 11.0 12.1 14.5 46.50 25.50 1.000 15.00 15.50 26.8 69.20 772.1 641.5 917.3 11.0 12.1 14.5 46.50 25.50 1.000 15.00 15.70 26.8 91.0 772.1 641.5 917.3 11.0 12.1 14.5 46.50 25.50 1.000 15.00 15.70 26.8 91.0 772.1 641.5 917.3 11.0 12.2 12.2 14.7 46.75 25.75 1.000 15.70 11.750 26.9 91.0 11.8 12.2 12.2 14.7 46.55 26.75 1.000 15.7 10.1 17.7 1.0 12.5 13.0 1.1 17.7 1.0 12.5 13.0 1.1 17.7 1.0 12.5 13.0 1.1 17.7 1.0 12.5 13.0 1.1 17.7 1.1 14.5 12.2 12.2 1.1 12.5 13.0 1.1 17.7 1.1 17.1 17.1 14.2 12.2 12.2 1.1 12.5 13.0 1.1 17.7 1.1 17.1 14.5 12.1 12.5 13.0 1.1 17.7 1.1 17.1 17.1 17.1 17.1 17.1	15X1.000/1.375T	85.69	761.9	603.2	8923.3	11.0	11.7		44.63	25.38	1.000	-	1.375	26.51
86.40 765.6 609.7 9037.3 11.0 11.8 14.8 45.00 25.51 1.000 14.00 15.00 1.500 26.8 89.7 777.4 643.2 9329.1 11.1 12.1 12.1 14.5 46.75 25.75 1.000 13.00 1.500 1.500 26.8 99.76 777.4 643.2 9329.1 11.1 12.1 12.2 12.2 1.000 13.00 13.00 1.500 1.500 26.9 99.76 777.4 643.2 948.2 948.2 28.38 1.125 12.00 1.375 33.9 92.89 866.3 645.7 1900.4 11.9 12.5 12.6 16.9 46.25 28.38 1.125 12.00 1.375 33.9 92.89 866.3 645.7 1900.4 11.9 12.5 12.6 16.9 46.25 28.38 1.125 12.00 1.575 33.9 93.12 764.1 679.3 9781.3 11.2 12.5 14.4 46.5 0 25.75 1.000 1.575 33.9 95.79 875.7 645.0 11.2 12.2 12.2 12.0 1.575 33.9 95.77 875.7 645.0 12.2 12.0 1.2 12.0 1.5 12.0 1.5 12.0 1.575 33.9 95.77 875.7 645.0 1.2 12.0 1.2 12.0 1.2 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1.5 12.0 1	86.40 765.6 609.7 9037.3 11.0 11.8 14.8 45.00 25.51 1.000 14.00 15.00 1.500 26.8 69.7 777.4 643.5 31.2 12.2 12.1 14.7 46.75 25.75 1.000 13.00 1.500 26.8 69.7 6 777.4 643.5 31.2 12.2 12.2 12.2 12.00 1.0700 15.00 1.570 26.9 99.7 6 777.4 643.5 31.2 12.2 12.2 12.2 12.00 1.0700 15.00 1.570 26.9 99.7 6 65.3 642.2 91.8 12.2 12.2 12.2 12.2 12.2 12.2 12.2 1	12X1.000/1.750T	86.40	169.8	606.2	9113.9	11.1	11.8	15.0	0	25.75	00	0	1.750	26.88
89.26         772.4         644.5         9329.4         11.1         12.1         14.5         46.50         25.50         1.000         15.00         1.500         25.00           99.76         777.4         643.2         9459.3         11.2         12.2         14.5         55.0         1.000         13.00         1.750         26.0           90.64         86.3         642.2         1052.0         11.9         12.5         16.9         68.2         28.36         1.15.5         12.00         1.750         35.0           92.64         86.3         645.7         1056.0         11.9         12.7         17.0         40.25         26.36         1.15.5         12.00         1.575         33.0           95.29         872.2         665.9         11244.6         12.0         12.9         16.6         49.63         26.75         1.00         1.750         33.0           95.29         872.2         665.0         11244.6         12.0         12.9         16.6         49.63         26.75         1.00         1.750         33.0           96.40         872.2         86.40         872.2         872.7         1.00         1.750         1.70           10	89.26         777.4         641.5         9329.1         11.1         12.1         14.5         46.50         25.50         1.000         15.00         1.500         1.500         99.20         99.20         99.20         99.20         1.00         1.00         1.500         1.500         25.00         99.00         90.00         99.20         90.00         90.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00 <t< td=""><td>14X1.000/1.500T</td><td>86.40</td><td>9.</td><td>2.609</td><td>5</td><td>11.0</td><td>11.8</td><td>14.8</td><td>0</td><td>25.50</td><td>1.000</td><td>0</td><td>1.500</td><td>26.63</td></t<>	14X1.000/1.500T	86.40	9.	2.609	5	11.0	11.8	14.8	0	25.50	1.000	0	1.500	26.63
99.76 777.4 643.2 9455.3 11.2 12.2 14.7 46.75 25.75 1.000 13.00 1.375 33. 99.00 1854.3 612.2 10521.9 11.8 12.3 17.2 46.88 28.38 1.125 12.00 1.375 33. 92.69 865.3 645.7 655.0 10894.8 11.9 12.5 17.0 48.36 28.50 1.125 12.00 1.570 35. 92.89 865.3 665.7 10896.4 11.9 12.7 17.0 48.36 28.50 1.125 12.00 1.570 35. 95.89 865.3 665.7 10896.4 11.9 12.7 17.0 48.36 28.50 1.125 12.00 1.570 35. 95.89 872.2 675.2 11244.6 12.0 12.9 16.6 49.63 28.50 1.125 14.00 1.570 35. 95.49 872.2 675.2 11244.6 12.0 12.9 16.6 49.63 28.50 1.125 14.00 1.570 35. 95.49 872.2 675.2 11244.6 12.0 12.9 16.6 49.68 28.5 1.125 13.00 1.570 35. 96.48 88.4 712.2 11809.4 12.1 13.3 16.6 51.36 28.50 1.125 13.00 1.570 35. 1010.5 18.0 12.2 11809.4 12.1 13.5 16.6 51.36 28.50 1.125 13.00 1.750 33. 1010.5 37 906.1 777.0 1224.0 12.2 13.6 16.2 54.38 29.80 1.125 12.0 1.750 33. 105.3 19.7 17.7 12.6 11.2 12.2 13.0 1.2 12.0 1.125 12.0 1.125 12.0 1.2 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 1	99.76 777.4 643.2 9456.3 11.2 12.2 14.7 46.75 25.75 1.000 13.00 1.750 26.91.001 13.6 12.2 10521.9 11.8 12.3 17.2 46.08 28.38 1.125 12.00 1.375 33.92.09 66.5 64.05.7 655.0 10894.6 11.9 12.6 16.9 46.25 28.38 1.125 12.00 1.570 33.92.09 866.3 645.7 10896.4 11.9 12.6 14.0.8 2.6 28.38 1.125 12.00 1.570 33.92.09 866.3 645.7 10896.4 11.9 12.6 14.0.0 1.255 12.00 1.570 26.92.09 866.3 645.7 10896.4 11.9 12.7 17.0 48.36 28.50 1.125 12.00 1.570 26.92.09 872.2 676.9 11244.6 12.0 12.9 16.6 49.65 28.38 1.125 14.00 1.570 26.95.99 872.2 676.9 11244.6 12.0 12.9 16.6 49.65 28.50 1.125 14.00 1.570 26.98.95.4 17.2 1.2 12.5 12.0 12.9 16.6 49.65 28.75 1.125 14.00 1.750 26.98.95.4 17.2 1.126 11.0 12.0 1.12 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.	15X1.000/1.500T	89.28		641.5	0.	11.1	15.1	14.5	46.50	25.50	1.000	-	1.500	26.63
90.01 854.3 612.2 10521.9 11.8 12.3 17.2 46.88 28.38 1.125 12.0 1.375 33. 92.89 866.3 645.7 10560.4 11.9 12.7 15.6 16.9 46.25 28.38 1.125 12.0 1.570 33. 92.89 866.3 645.7 10560.4 11.9 12.7 15.6 16.9 46.25 28.38 1.125 12.0 1.570 33. 92.89 866.3 645.7 10560.4 11.9 12.7 12.6 16.9 1.125 1.125 12.0 1.1570 33. 95.29 866.3 645.7 10560.4 11.9 12.7 12.6 16.9 1.125 1.100 14.00 1.757 33. 95.29 872.2 676.9 1148.6 12.0 13.0 15.9 16.6 49.63 28.50 1.125 13.00 1.757 25.9 95.29 872.7 15.0 11.0 1148.6 12.0 13.0 16.7 49.66 28.50 1.125 13.0 1.570 33. 96.48 790.4 716.5 10100.4 11.3 12.8 14.1 91.5 12.2 1.1009.4 12.1 13.3 16.6 51.3 28.50 1.125 12.0 1.5 13.0 1.5 10.0 1.750 33. 102.0 1.125 12.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	90.01 854.3 642.2 10521.9 11.8 12.3 17.2 46.88 28.38 1.125 12.00 1.375 33. 92.64 863.5 645.0 10894.8 11.9 12.6 16.94 82.5 28.38 1.125 12.00 1.570 53. 92.64 865.3 645.1 10904.4 11.9 12.6 16.4 46.50 25.75 1.000 1.750 25. 93. 92.64 865.3 645.7 10960.4 11.9 12.6 14.4 46.50 25.75 1.000 1.750 26. 95.29 7.6 1.0 11.2 12.6 12.6 14.4 46.50 25.75 1.000 1.750 26. 95.29 7.7 872.5 10100.4 11.3 12.9 16.6 49.65 25.75 1.000 1.750 26. 95.4 7 700.4 712.2 11809.4 11.3 12.9 16.1 52.0 28.75 1.000 1.750 26. 95.4 7 700.4 712.2 11809.4 11.3 12.8 16.1 52.8 28.75 1.000 1.257 12.00 1.750 26. 95.4 7 700.4 712.2 11809.4 12.3 16.1 52.4 28.75 1.000 1.25 13.00 1.750 26. 1010.4 11.3 12.0 12.0 12.2 25.75 1.000 1.25 13.00 1.750 33. 101.5 3 12.0 1.207.7 12.2 13.5 16.1 52.4 28.75 1.125 12.00 1.750 33. 104.4 1 910.1 77.0 12272.7 12.2 13.5 16.2 53.1 20.75 1.125 12.00 1.750 33. 105.3 7 910.1 77.0 1221.2 13.5 16.2 54.38 28.75 1.125 12.00 1.750 33. 106.2 7 72.2 13.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	13X1.000/1.750T	89.76		643.2		11.2	12.2	1	46.75	25.75	1.000	13.00	1.750	
92.64 863.7 645.0 10894.8 11.9 12.6 16.9 46.25 28.38 1.125 13.00 1.375 33.92.09 866.3 645.7 10894.8 11.9 12.7 17.0 146.36 28.50 1.125 13.00 1.500 33.93.12 11.2 11.2 11.2 12.7 17.0 146.50 25.75 1.000 14.00 1.500 23.93.12 11.2 11.2 11.2 12.5 14.0 10 1.500 33.95.29 072.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.36 1.125 14.0 0 1.375 33.9 15.2 190.4 11.3 11.2 12.0 12.7 14.0 10 1.375 33.9 16.5 808.4 715.5 101010.4 11.3 11.2 12.0 12.7 14.0 1 1.500 13.9 10.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5 10.0 1.5	92.64 866.3 645.0 10994.8 11.9 12.6 16.9 48.25 28.36 1.125 12.00 1.375 33.92.89 866.3 645.7 10.0014, 11.9 12.5 17.0 148.38 28.50 1.125 12.00 1.500 33.93.95.29 872.2 676.9 11244.6 12.0 12.5 14.4 48.38 28.50 1.125 14.00 1.379 23.95.29 872.2 676.9 11244.6 12.0 12.5 14.4 48.38 28.38 1.125 14.00 1.379 23.95.39 872.2 676.9 11244.6 12.0 13.0 16.7 49.68 28.50 1.125 14.00 1.379 23.95.40 792.2 676.9 11244.6 12.0 13.0 16.7 49.68 28.50 1.125 12.0 1.570 23.95.40 792.2 11000.4 11.3 12.0 16.7 49.68 28.57 1.125 12.0 1.570 25.95 101.53 892.1 751.0 12879.3 12.1 13.3 16.1 52.8 28.75 1.125 12.0 1.770 1.570 1.000.4 12.1 13.5 16.1 52.80 28.75 1.125 12.0 1.770 1.770 1.0 12.3 1.0 1.2 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	12X1.125/1.375T	90.01	54 .3	612.2	-	11.8	12.3	2	46.88	28.38	1.125	12.00	1.375	
92.89 866.3 645.7 10960.4 11.9 12.7 17.0 48.30 28.50 1.125 12.00 1.570 26.95 95.29 96.53 645.7 10960.4 11.9 12.7 17.0 48.30 28.30 1.125 12.00 1.575 33.95.29 95.29 972.2 7 661.0 11264.6 12.0 12.0 15.0 12.750 13.95.29 95.29 972.2 661.0 11364.6 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	92.89 866.3 645.7 10960.4 11.9 12.7 17.0 48.36 28.50 1.125 12.0 1.500 33.95.29 66.3 645.7 10960.4 11.9 12.7 17.0 48.36 28.50 1.125 12.00 1.5750 26.95 1.127 764.1 679.3 19780.2 26.38 1.125 14.00 1.5750 33.95.29 872.2 681.0 11348.6 12.0 13.0 15.0 15.5 14.0 10 1.5750 33.95.29 872.2 681.0 11348.6 12.0 13.0 15.0 15.5 14.0 10 1.5750 26.39 14.125 14.0 10 1.5750 26.30 101.5 14.0 10 1.5750 26.30 101.5 14.0 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5 10 1.5	13x1.125/1.375T	95.64	863.7	645.0	10894.8	11.9	12.6	6	48.25	28.38	1.125	13-00	1.375	
93.12 784.1 679.3 9781.3 11.2 12.5 14.4 46.50 25.75 1.000 14.00 1.750 26.95 33.95.27 875.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.38 1.125 14.00 15.70 33.95.29 872.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.38 1.125 13.00 1.570 33.96.48 791.4 716.5 110100.4 11.3 12.8 14.1 50.25 25.75 1.000 15.00 1.750 33.96.48 791.4 716.5 110100.4 12.1 13.3 16.6 51.38 28.75 1.025 12.00 1.750 33.101.51 802.1 77.0 1226.4 12.1 13.3 16.5 51.38 28.75 1.125 12.00 1.750 33.104.41 908.1 777.0 1226.4 12.1 13.5 16.5 54.38 28.75 1.125 12.00 1.750 33.106.37 91.77 75.0 1226.7 12.2 13.9 16.2 54.38 29.00 1.125 12.00 1.750 33.106.37 917.3 12.63.7 12.2 15.00 1.125 12.00 1.125 12.00 1.750 33.106.37 917.3 12.2 1101.2 12.0 12.2 13.1 12.4 14.2 15.9 15.9 16.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 12.0 1.125 12.0 12.0 1.125 12.0 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.125 12.0 1.1	93.12 784.1 679.3 9781.3 11.2 12.5 14.4 46.50 25.75 1.000 14.00 1.750 26.95.2 95.29 97.2.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.38 1.125 14.00 1.775 33.95.29 95.29 872.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.50 1.125 13.00 1.570 33.96.48 790.4 716.5 10100.4 11.3 12.8 14.1 50.25 25.75 1.012 15.50 1.750 26.96.48 790.4 712.2 11800.4 12.1 13.5 16.6 51.38 26.75 1.125 12.00 1.750 33.101.53 892.1 75.0 12514.0 12.27.2 13.5 16.5 51.38 26.75 1.125 12.00 1.750 33.102.01 897.7 752.9 1252.7 12.2 13.5 16.5 51.38 26.75 1.125 12.00 1.750 33.105.77 906.1 777.0 12614.0 12.3 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33.105.77 906.1 777.0 12614.0 12.3 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33.115.2 115.0 1.25 13.00 1.125 12.00 2.000 33.115.2 115.0 1.25 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0 1.125 13.0	12X1-125/1-500T	92.89	866.3	645.7	109601	11.9	12.7		48.38	28.50	1.125	-	1.500	33.33
95.29 872.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.38 1.125 14.00 1.375 33. 95.27 875.7 661.0 11348.6 12.0 15.7 49.88 28.35 1.125 13.00 1.570 25.39 95.47 716.5 10100.4 12.1 13.3 16.6 51.38 26.75 1.125 12.00 1.750 33. 96.65 888.4 712.2 11809.4 12.1 13.3 16.6 51.38 28.75 1.125 12.00 1.750 33. 101.53 892.1 751.0 12079.3 12.1 13.5 16.6 51.38 28.75 1.125 12.00 1.750 33. 102.01 897.7 772.9 12232.7 12.2 13.6 16.5 51.38 28.75 1.125 12.00 1.750 33. 103.1 103.2 177.0 12614.0 12.3 13.9 16.2 53.13 28.75 1.125 12.00 1.750 33. 103.1 103.2 177.0 12614.0 12.3 13.9 16.2 53.13 28.75 1.125 12.00 1.750 33. 103.2 103.3 12.3 12.3 13.9 16.2 54.38 29.00 1.125 12.00 1.750 33. 115.2 1010.2 177.0 12614.0 12.2 13.9 16.2 15.9 56.38 29.00 1.125 12.00 1.750 33. 115.2 1010.2 177.0 1.2 12.0 1.2 12.0 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	95.29 872.2 676.9 11244.6 12.0 12.9 16.6 49.63 28.36 1.125 14.00 1.375 33. 95.29 872.7 681.0 11348.6 12.0 15.0 16.7 49.48 28.50 1.125 13.00 1.750 26.39 86.4 712.2 11809.4 11.3 12.0 14.1 50.25 25.75 1.000 15.00 1.750 26.39 10.53 86.4 712.2 11809.4 12.1 13.3 16.6 51.38 28.75 1.125 12.00 1.750 35.102.01 897.7 752.9 12232.7 12.2 13.5 16.6 51.38 28.75 1.125 12.00 1.750 33.102.01 897.7 752.9 12232.7 12.2 13.5 16.6 51.38 28.75 1.125 12.00 1.750 33.105.37 906.1 793.3 12.3 12.3 12.3 15.6 54.88 28.75 1.125 12.00 1.750 33.105.37 906.1 793.3 12.6 12.3 13.9 16.2 54.38 28.75 1.125 12.00 2.000 33.15.2 105.37 906.1 793.3 12.6 12.7 12.3 13.9 15.2 54.88 28.75 1.125 12.00 2.000 33.15.2 105.3 12.0 1.2 12.0 1.2 12.0 1.125 12.00 2.000 33.15.2 105.3 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0 1.2 12.0	14X1.000/1.750T	93.12	784.1	679.3	9781.3	11.2	12.5	3	48.50	25.75	1.000	14-00	1.750	26.88
95.77 875.7 681.0 11348.6 12.0 13.0 16.7 49.68 28.50 1.125 13.00 1.550 26.59 33.95.48 790.4 716.5 101010.4 11.3 12.8 14.1 50.25 25.75 1.010 15.00 1.750 33.95.48 790.4 712.2 116109.4 12.1 13.3 16.6 51.36 28.50 1.125 12.00 1.750 33.101.53 892.1 751.0 12279.4 12.1 13.5 16.6 51.36 28.50 1.125 15.00 1.750 33.102.01 897.7 752.9 12232.7 12.2 13.6 16.5 53.13 28.50 1.125 12.00 1.750 33.104.41 908.1 777.0 12614.0 12.3 13.9 16.2 53.13 28.75 1.125 12.00 1.750 33.104.41 908.1 777.0 12614.0 12.3 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33.105.1 105.2 917.3 823.2 13070.1 12.4 14.2 15.9 56.38 28.75 1.125 12.00 2.000 33.1 115.2 1021.6 871.7 15345.2 13.1 15.0 17.6 60.00 31.6 12.2 12.2 13.0 1.750 90.0 1.125 12.00 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	95.77 875.7 675.7 601.0 11348.6 12.0 13.0 16.7 49.66 28.50 1.125 13.00 1.500 26.39 96.48 701.4 716.5 10100.4 11.3 12.8 14.1 50.25 25.75 1.010 15.00 1.750 26.99 96.48 701.4 716.5 10100.4 11.3 12.8 14.1 50.25 25.75 1.010 15.00 1.750 35.00 101.53 892.1 751.0 12079.3 12.1 13.5 16.1 52.08 28.50 1.125 12.00 1.750 33.00 105.01 897.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 13.00 1.750 33.00 105.01 897.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 13.00 1.750 33.00 105.01 897.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 13.00 1.750 33.00 105.01 897.7 752.9 12254.7 12.2 13.9 16.2 53.13 28.75 1.125 14.00 1.750 33.00 105.02 917.3 823.2 13070.1 12.4 14.2 15.9 56.38 29.00 1.125 14.00 1.750 33.00 115.04 1037.4 910.9 15764.2 13.1 15.4 15.0 17.6 60.00 31.75 1.250 15.00 1.750 40.00 119.04 1037.5 916.5 15.90.5 13.3 15.4 16.6 67.25 31.75 1.250 15.00 1.750 41.00 119.04 1037.8 1099.8 10035.8 103.8 16.4 16.7 67.50 31.75 1.250 15.00 1.750 41.00 119.04 1078.4 1099.8 10035.8 10035.8 10.4 17.9 16.4 69.50 12.70 1.250 15.00 2.000 41.00 144.73 1217.3 1195.6 21790.4 14.4 17.9 16.2 77.38 35.00 1.375 15.00 2.000 49.00 15.4 1237.4 1307.8 22334.2 13.8 14.5 18.5 17.5 13.75 1.500 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750	14X1-125/1-375T	95.29	872.2	6.929	11244.6	12.0	12.9	9	49.63	28.38	1.125	14.00	1.375	33.19
96.48 790.4 716.5 10100.4 11.3 12.8 14.1 50.25 25.75 1.000 15.00 1.750 26. 13. 101.65 18.8 88.4 712.2 11800.4 12.1 13.3 16.6 51.38 28.75 1.125 12.00 1.750 33. 101.65 18.8 28.75 1.125 12.00 1.750 33. 101.65 18.8 28.75 1.125 13.00 1.750 33. 101.65 18.8 28.75 1.125 13.00 1.750 33. 101.65 18.8 28.75 1.125 13.00 1.750 33. 101.65 18.8 28.75 1.125 13.00 1.750 33. 101.65 18.2 18.8 29.00 1.125 12.00 2.000 33. 101.65 18.2 18.6 18.2 18.8 29.00 1.125 12.0 1.2 1.7 1.7 1.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	96.48 790.4 716.5 10100.4 11.3 12.8 14.1 50.25 25.75 1.000 15.00 1.750 26.90 101.53 88.65 888.4 712.2 11809.4 12.1 13.5 16.6 51.38 26.75 1.125 12.00 1.750 33.101.53 101.53 10.1 52.08 26.75 1.125 12.00 1.750 33.101.53 105.0 1.75.9 1.125 12.00 1.75.0 13.101.53 105.0 1.75.9 1.125 12.00 1.75.0 1.75.0 1.125 11.125 12.00 1.75.0 13.101.53 105.0 1.75.0 1.125 12.00 1.75.0 1.125 11.125 12.00 1.75.0 13.101.53 105.1 77.0 12614.0 12.3 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33.105.37 906.1 777.0 12614.0 12.3 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33.105.37 906.1 777.0 12614.0 12.2 13.9 16.2 54.88 26.75 1.125 14.00 1.750 33.105.2 1021.6 07.1.7 15345.2 13.9 14.0 1.25 13.5 11.25 13.00 1.750 1.750 1.750 1.15.0 1021.6 07.1.7 15345.2 13.1 15.0 17.6 0.0 1.25 11.25 14.00 1.750 1.750 1.250 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25 11.25	13X1.125/1.500T	95.77	875.7	681.0	11348.6	12.0	13.0	1	88.69	28.50	1.125	13.00	1.500	33.33
98.65 888.4 712.2 11809.4 12.1 13.3 16.6 51.38 28.75 1.125 12.00 1.750 33. 101.53 892.1 752.9 12022.7 12.2 13.5 16.1 52.88 28.50 1.125 15.00 1.500 33. 104.21 908.1 777.0 12232.7 12.2 13.6 16.2 54.38 29.00 1.125 12.00 1.500 33. 105.37 906.1 777.0 12232.7 12.2 13.9 16.2 54.38 29.00 1.125 12.00 2.000 33. 105.37 906.1 777.0 12614.0 12.3 13.9 16.2 54.88 28.75 1.125 12.00 1.750 33. 106.2 917.3 823.2 13.070.1 12.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 33. 115.20 1021.6 919.9 15764.7 13.2 13.9 17.6 60.00 31.50 1.250 16.00 1.750 40. 115.00 103.4 1030.4 909.9 15764.7 13.2 13.2 17.8 61.90 31.75 1.250 16.00 1.500 40. 115.00 105.0 105.0 105.0 105.0 1.250 16.00 1.500 40. 115.0 106.7 104.9 103.4 1030.4 1754.2 13.3 15.4 16.8 67.25 31.75 1.250 16.00 1.500 40. 1133.4 1076.4 1199.8 18035.9 13.5 16.4 69.50 32.00 1.250 16.00 1.750 41. 144.25 1211.1 1195.2 21560.0 14.4 17.9 16.2 17.8 18.7 17.8 18.7 1.250 16.00 2.000 49. 144.2 1227.7 1249.6 22371.3 14.5 18.5 16.7 16.4 69.50 1.375 1.250 15.00 2.000 49. 148.8 57 1227.7 1249.6 22371.3 14.5 18.5 18.5 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8 18.2 17.8	98.65 888.4 712.2 11809.4 12.1 13.3 16.6 51.36 28.75 1.125 12.00 1.750 33. 101.53 892.1 751.0 12079.3 12.1 13.5 16.1 52.88 28.50 1.125 15.00 1.750 33. 102.01 903.1 772.0 12252.7 12.2 13.6 16.2 59.31 28.75 1.125 12.00 1.750 33. 105.37 906.1 777.0 1264.0 12.3 13.9 16.2 59.38 29.00 1.125 12.00 2.000 33. 105.37 906.1 777.0 1264.0 12.3 13.9 16.2 59.38 29.00 1.125 12.00 2.000 33. 105.27 91.3 12632.7 12.3 13.9 15.9 56.38 28.75 1.125 14.00 1.750 33. 118.08 1031.6 871.7 1535.2 13.1 12.4 14.2 15.9 56.38 29.00 1.125 14.00 1.750 40. 118.08 1031.6 871.7 1535.2 13.1 15.0 1.75 60.00 31.50 1.25 0 15.00 1.25 0 15.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.00 1.25 0 105.	15x1.000/1.750T	96.48	7.067	716.5	10100.4	11.3	12.8	-	50.25	25.75	1.000	15.00	1.750	26.88
101.53 692.1 751.0 12079.3 12.1 13.5 16.1 52.8 28.55 1.125 15.00 1.570 33. 102.01 697.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 15.00 1.750 33. 105.01 1.05.1 12.0 1.125 12.00 2.000 33. 105.27 906.1 793.3 12.614.0 12.3 13.9 16.2 54.38 28.75 1.125 12.00 2.000 33. 105.27 906.1 793.3 12.636.7 12.2 13.9 16.2 54.38 28.75 1.125 12.00 2.000 33. 106.2 917.3 623.2 13070.1 12.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 33. 118.08 1030.4 909.9 15.54.7 15.4 17.6 60.00 31.50 1.250 15.00 1.550 1.500 40. 118.08 1030.4 91.5 15.3 15.4 17.6 60.00 31.75 1.250 15.00 1.550 40. 118.08 1030.4 91.5 15.3 15.4 17.6 62.00 31.75 1.250 15.00 1.550 40. 129.00 1069.7 1049.4 17.54.2 15.3 15.4 17.5 1.250 15.00 1.750 41. 129.00 1069.7 1049.4 17.54.2 15.4 17.6 62.00 32.00 1.250 15.00 1.750 41. 123.44 1078.4 1078.4 1078.5 18.5 16.4 16.7 16.4 69.50 32.00 1.250 15.00 2.000 41. 144.2 11.3 11.95.6 2.1540.0 14.4 17.8 18.1 75.3 32.00 1.250 15.00 2.000 41. 144.2 123.4 1078.4 1379.5 1227.7 1249.6 2.2571.3 14.5 18.5 18.7 75.3 35.00 1.255 15.00 2.000 49. 152.4 1237.4 1303.8 2.2934.5 14.5 18.5 17.6 79.3 35.00 1.375 15.00 2.000 49. 157.4 1359.0 1302.2 2.660.2 14.5 19.3 19.0 19.9 82.00 37.75 1.500 1.700 2.000 49. 160.00 1370.5 1352.1 2.570.3 15.00 2.000 30.00 30.00 1.370.5 1353.1 2.570.3 1.5.4 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19.7	101.53 692.1 751.0 12079.3 12.1 13.5 16.1 52.86 28.50 1.125 15.00 1.500 33.102.01 697.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 15.00 1.750 33.105.01 697.7 752.9 12232.7 12.2 13.6 16.2 53.13 28.75 1.125 12.00 2.000 33.106.2 1 793.3 12636.7 12.2 13.9 16.2 54.36 28.75 1.125 12.00 2.000 33.106.2 1 793.3 12636.7 12.2 13.9 16.2 54.36 28.75 1.125 12.00 2.000 33.106.2 1 793.3 12632.7 15.4 14.2 15.9 16.2 16.2 11.125 13.00 2.000 33.1 118.08 1030.4 909.9 15.6 7 1 12.4 14.2 15.6 60.00 31.50 1.250 1.125 13.00 2.000 40.1 118.08 1030.4 909.9 15.6 7 1 13.2 15.3 17.3 61.50 1.250 1.250 1.500 1.500 40.1 119.04 1076.4 1099.1 1756.2 13.4 16.3 17.5 62.00 31.75 1.250 1.250 1.500 1.750 41.1 129.01 1069.1 1756.2 13.4 16.3 16.4 17.5 62.00 31.75 1.250 1.250 1.500 1.750 41.1 129.01 1069.1 1754.2 13.5 16.4 16.7 67.5 13.7 1.250 1.250 1.500 1.750 41.1 129.01 1.1 1195.2 21580.0 14.4 17.9 16.7 67.5 13.7 1.250 1.250 1.500 2.000 41.1 144.7 1.2 12.9 6.2 1.2 10.3 8 22934.5 14.5 18.5 1.6 1.2 1.3 1.3 1.3 1.2 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	12X1-125/1.750T	98.65	888.4	712.2	11809.4	15.1	13.3	16.6	51.38	28.75	1.125	-	1.750	33.61
105.01 697.7 752.9 12232.7 12.2 13.6 16.2 53.13 26.75 1.125 13.00 1.750 33. 105.41 908.1 777.0 12614.0 12.3 13.9 16.2 54.36 29.00 1.125 12.00 2.000 33. 105.2 94.86 28.7 96.10 1.125 12.00 2.000 33. 105.2 94.86 28.7 96.10 1.125 12.00 2.000 33. 116.2 95.36 100 1.125 12.00 2.000 33. 116.2 916.3 92.00 1.125 12.00 2.000 33. 116.2 916.2 916.2 916.2 916.2 13.0 0 2.000 33. 116.0 1021.6 871.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.0 1 1.500 1.500 40. 119.04 1037.5 916.5 916.5 13.2 15.4 17.5 62.00 31.75 1.250 14.00 1.550 40. 129.1 1734.2 13.2 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41. 129.1 1037.5 916.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41. 133.4 16.3 16.4 16.7 67.5 32.00 1.250 14.00 1.750 41. 133.4 16.4 17.5 12.2 10.2 10.2 10.0 1.750 41. 133.4 16.4 17.8 16.4 69.5 13.7 1.250 15.00 2.000 49. 144.7 1237.4 1395.6 21790.4 14.4 17.9 16.1 75.3 35.00 1.375 15.00 2.000 49. 144.7 1237.4 1303.8 22934.5 14.5 18.5 17.6 7.3 35.00 1.375 15.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 17.00 1.750 58. 160.0 1370.5 1352.1 2560.2 15.4 15.3 19.0 19.3 13.7 15.0 1.7 10.0 2.000 58. 160.00 1370.5 1352.1 2560.2 15.4 15.3 14.5 15.0 1.2 130.0 1.5 10. 2.000 58.00 1370.5 1352.1 2560.2 15.4 15.3 15.4 15.5 15.0 1.0 1.750 58. 160.00 1370.5 1370.5 1352.1 2560.0 1.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0 1.7 10.0	102.01 697.7 752.9 12232.7 12.2 13.6 16.2 53.13 26.75 1.125 13.00 1.750 33.104.41 908.1 777.0 12614.0 12.3 13.9 16.2 54.36 29.00 1.125 12.00 2.000 33.106.25 917.3 823.2 12636.7 12.3 13.9 16.2 54.36 29.00 1.125 12.00 1.750 33.106.25 917.3 823.2 13070.1 12.4 14.2 15.9 54.86 26.00 31.50 1.255 14.00 1.750 40.115.2 110.12 1021.6 871.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.00 1.500 40.115.2 110.04 1037.4 9109.9 15764.7 13.2 15.3 17.3 61.5 0 31.5 0 1.250 15.00 1.500 40.119.04 1037.5 916.5 15998.5 13.3 15.4 17.5 62.00 31.75 1.250 16.00 1.500 40.119.04 1037.5 916.5 15998.5 13.3 15.4 16.7 67.5 0 31.7 1.250 16.00 1.500 41.129.1 1063.0 1049.4 17547.1 13.5 16.4 69.5 0 32.00 1.250 16.00 1.500 41.129.4 1078.4 1078.4 1099.8 18035.9 13.5 16.4 16.7 67.5 0 32.00 1.250 15.00 2.000 41.144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 77.3 85.00 1.250 16.00 2.000 49.144.73 1217.3 1195.6 21790.4 17.9 18.2 77.3 85.00 1.375 16.00 2.000 49.157.4 1337.4 1303.8 22934.5 14.5 18.5 17.6 79.3 85.00 1.375 16.00 2.000 49.157.4 1337.4 1303.8 22934.5 14.5 18.5 17.6 79.3 85.00 1.375 1.500 1.700 1.750 58.160.0 1370.5 1352.5 26462.4 15.3 19.3 19.3 19.4 19.7 84.0 1.500 1.500 1.700 1.750 58.161.2 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 1.500 2.000 99.16.10 1.500 2.000 99.16.10 1.500 1.500 2.000 58.16.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 1.500 2.000 58.165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 2.000 2.000 58.165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 2.000 2.000 58.165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 3.500 1.500 2.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000	15x1-125/1-500T	101.53	892.1	751.0	12079.3	15.1	13.5	16.1	52.88	28.50	1.125	15.00	1.500	33,33
07         106,41         908.1         777.0         12614.0         12.3         15.9         16.2         54.38         29.00         1.125         12.00         2.000         33.00           106.23         96.1         79.3         16.2         15.9         56.38         29.00         1.125         14.00         1.750         33.00           11         108.25         917.3         12.4         14.2         15.9         56.38         29.00         1.125         14.00         2.000         33.00           11         115.0         103.0         909.9         15764.7         13.2         15.3         17.5         62.00         31.50         1.250         16.00         1.500         40.00           11         119.0         103.0         15764.7         13.2         15.4         17.5         62.00         31.75         1.250         14.00         1.500         40.00           11         110.0         1069.0         17564.2         13.3         16.4         17.5         62.00         31.75         1.250         14.00         1.750         41.00           11         129.0         1069.0         1069.0         11.45.0         11.550         11.550	07 10% 41 90% 1 777 0 12614 0 12 3 13 9 16 2 5 4 3 8 29 0 1 1 12 5 12 0 0 2 0 0 33 35 3 105 37 3 105 37 3 105 37 3 12 35 6 3 12 35 6 3 13 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13x1.125/1.750T	105.01	1.168	752.9	12232.7	15.2	13.6	16.2	53.13	28.75	1.125	13.00	1.750	33.61
07 105.37 906.1 793.3 12636.7 12.3 13.9 15.9 54.88 26.75 1.125 14.00 1.750 33.8 115.20 108.25 917.3 623.2 13070.1 12.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 37.5 115.20 10.21.6 07.0 1 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250 1.250	07 105.37 906.1 793.3 12636.7 12.3 13.9 15.9 54.88 26.75 1.125 14.00 1.750 33.8 1108.25 917.3 623.2 13070.1 12.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 33.8 115.20 1.021.6 67.1 15.80 1.250 1.250 1.500 40.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115.8 115	12x1.125/2.000T	104.41	908.1	777.0	12614.0	12.3	13.9	16.2	54.38	29.00	1.125	12-00	2.000	33.89
119.25 917.3 823.2 13070.1 12.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 33.115.20 1021.6 871.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.00 1.500 40.119.00 1031.5 916.5 15.4 13.2 15.3 17.5 61.50 1.250 1.250 15.00 1.500 40.119.00 10370.5 916.5 15948.7 13.2 15.4 17.5 62.00 31.75 1.250 14.00 1.500 40.119.00 10370.5 916.5 15.998.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41.119.00 1053.8 1049.1 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41.1133.4 1078.4 1078.4 1079.8 18035.9 13.5 16.4 6.7 67.5 32.00 1.250 15.00 2.000 41.1144.25 1211.1 1135.5 2150.0 14.4 17.9 18.1 17.8 18.1 75.1 34.7 1.250 15.00 2.000 41.144.2 1227.7 1249.6 22371.3 14.5 18.2 17.8 18.1 75.3 35.00 1.375 15.00 2.000 49.152.4 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.3 35.00 1.375 15.00 2.000 49.157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 1.500 2.000 49.157.44 1359.4 1310.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 1.700 2.000 49.157.4 1359.4 1410.9 27388.3 15.4 10.3 18.00 1.500 2.000 58.16 15.0 12.15 1389.4 1410.9 27388.3 15.4 19.7 19.7 19.7 19.7 10.0 10.5 10.0 2.000 58.16 15.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12	115.20 1021.6 671.7 15345.2 13.1 15.4 14.2 15.9 56.38 29.00 1.125 13.00 2.000 33.115.20 1021.6 671.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.80 1.500 40.118.08 11030.4 919.9 15764.7 13.2 15.3 17.5 61.50 1.250 15.00 1.500 40.118.08 11030.4 919.9 15764.7 13.2 15.3 17.5 61.50 1.250 16.00 1.500 41.119.0 11030.4 103.9 15.4 17.5 61.50 31.75 1.250 16.00 1.750 41.119.0 1.00 1.750 41.119.0 1.00 1.750 41.119.0 1.00 1.00 1.00 1.00 1.00 1.00 1.	14X1-125/1-750T	105.37	906.1	793.3	12636.7	12.3	13.9	15.9	24.88	28.75	1.125	14.00	1.750	33.61
115.20 1021.6 671.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.00 1.500 40.0 118.08 1030.4 909.9 15764.7 13.2 15.3 17.3 61.50 31.50 1.250 16.00 1.500 40.0 118.08 1030.4 916.5 1598.5 13.3 15.4 17.5 62.00 31.75 1.250 16.00 1.570 41.0 129.12 1063.8 1049.4 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41.0 129.6 1049.4 17547.1 13.5 16.7 16.4 16.7 57.50 32.00 1.250 15.00 2.000 41.0 139.4 1078.4 1078.4 1099.8 18035.9 13.5 16.4 16.7 16.4 69.50 32.00 1.250 15.00 2.000 41.0 144.25 1211.1 1135.2 21580.0 14.4 17.8 18.1 75.13 34.75 1.375 17.00 1.750 49.0 144.73 1217.3 1195.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 15.00 2.000 49.0 15.4 1237.4 1303.8 22374.5 14.5 18.5 17.6 79.3 35.00 1.375 15.00 2.000 49.0 157.4 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 1.750 58.0 16.0 8.3 17.0 1.759 58.0 16.0 8.3 17.0 1.533 1.500 1.759 58.0 16.0 8.3 17.5 1.500 1.759 58.0 16.0 8.3 17.5 1.500 1.759 58.0 16.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17	115.20 1021.6 671.7 15345.2 13.1 15.0 17.6 60.00 31.50 1.250 15.00 1.500 40.  118.08 1030.4 909.9 15764.7 13.2 15.3 17.3 61.50 31.50 1.250 16.00 1.550 40.  118.08 1030.4 909.9 15764.7 13.2 15.3 17.3 61.50 31.50 1.250 16.00 1.750 41.  129.12 1063.6 1049.1 17364.2 13.4 16.3 16.4 17.5 62.00 31.75 1.250 17.00 1.750 41.  129.22 1063.6 1049.4 17547.1 13.5 16.4 16.7 67.25 31.75 1.250 15.00 2.00 41.  133.44 1070.4 1099.8 18035.9 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41.  144.73 1217.3 1195.2 21500.4 14.4 17.9 16.1 75.13 34.75 1.375 15.00 2.000 49.  144.73 1227.7 1249.6 22371.3 14.5 18.2 17.6 79.38 35.00 1.375 15.00 2.000 49.  152.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58.  160.80 1370.5 1352.5 26462.4 15.3 19.4 19.7 84.00 38.00 15.00 17.00 2.000 89.  165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	13X1-125/2-000T	108.25	917.3	823.2	13070.1	15.4	1402	15.9	56.38	29.00	1.125	13.00	2.000	33.89
118.08 1030.4 909.9 15764.7 13.2 15.3 17.3 61.50 31.50 1.250 16.00 1.500 40.  119.04 1037.5 916.5 15998.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41.  129.12 1063.8 1049.1 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 14.00 1.750 41.  129.60 1063.7 1049.8 18035.9 13.5 16.4 16.5 67.50 32.00 1.250 15.00 2.000 41.  133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 15.00 2.000 41.  144.25 1211.1 1195.2 21580.0 14.4 17.8 18.1 75.13 34.75 1.375 17.00 2.000 49.  144.73 1217.3 1195.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 17.00 2.000 49.  152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49.  157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 17.00 2.000 89.  1610.80 1370.5 1352.2 25652.4 15.3 19.4 19.7 86.00 38.00 1.500 15.00 2.000 58.	118.08 1030.4 909.9 15764.7 13.2 15.3 17.3 61.50 31.50 1.250 16.00 1.500 40.  119.04 1037.5 916.5 15998.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41.  129.02 1069.7 1049.4 17564.2 13.4 16.7 16.7 67.50 32.00 1.250 17.00 1.750 41.  129.01 1069.7 1049.6 18035.9 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41.  133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 15.00 2.000 41.  144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.275 15.00 2.000 49.  148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 15.00 2.000 49.  157.44 1339.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58.  160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 03.75 37.75 1.500 17.00 1.750 58.  161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.	15x1.250/1.500T	115.20	1021.6	871.7	15345.2	13.1	15.0	17.6	60.00	31.50	1.250	15.00	20	40.78
119.04 1037.5 916.5 15998.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41.129.12 1063.8 1049.4 17564.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41.129.6 1069.4 1754.2 13.4 16.4 16.7 67.50 31.75 1.250 17.00 1.750 41.139.6 1069.4 17.604 1099.8 18035.9 13.5 16.4 16.7 67.50 32.00 1.250 16.00 2.000 41.144.73 1217.4 1099.8 18035.9 13.5 16.4 17.8 15.13 34.75 1.375 17.00 2.000 49.144.73 1217.3 1195.6 21790.4 14.4 17.9 16.1 75.38 35.00 1.375 15.00 2.000 49.152.4 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49.157.4 1359.0 1370.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 17.00 2.000 49.157.4 1359.0 1370.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 17.00 2.000 49.161.2 1370.5 1352.2 2662.4 15.4 19.4 19.7 19.8 83.00 1.500 17.00 2.000 58.16.50 18.5 17.00 2.000 58.16.50 17.00 2.000 58.16.50 17.00 2.000 58.16.50 17.50 2.000 58.16.50 17.50 17.50 2.000 58.16.50 17.50 17.50 2.000 58.16.50 17.50 17.50 2.000 58.16.50 17.50 17.50 17.50 17.50 17.50 17.50 2.000 58.16.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.50 17.	119.04 1037.5 916.5 15998.5 13.3 15.4 17.5 62.00 31.75 1.250 14.00 1.750 41.129.12 1063.8 1049.1 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 14.00 1.750 41.129.12 1063.8 1049.4 17564.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41.133.4 1078.4 1079.4 17547.1 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41.144.73 1217.1 1195.2 21560.0 14.4 17.8 16.1 75.13 34.75 1.375 17.00 1.750 19.9 144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.000 49.152.4 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 15.00 2.000 49.157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 15.00 1.750 58.160 1370.5 1352.5 26462.4 15.3 19.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.161.2 1389.4 1410.9 27388.3 15.4 19.4 19.7 84.00 38.00 1.500 15.00 5.000 58.00 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 1.500 2.000 58.00 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 1.500 2.000 58.00 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.000 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.	16X1.250/1.500T	118.08	1030.4	6.606	15764.7	13.2	15.3	17.3	2	31.50	1.250	16.00	1.500	-
129.12 1063.8 1049.1 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41. 129.60 1069.7 1049.4 17547.1 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41. 133.44 1070.4 1070.4 1759.2 21903.9 13.5 16.4 16.7 67.50 32.00 1.250 16.00 2.000 41. 144.73 1217.1 1195.2 21560.0 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.000 49. 148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 15.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 1.750 58. 160.80 1370.5 1552.2 26652.4 15.3 19.0 19.9 82.00 37.75 1.500 1.750 58. 161.80 1370.5 1352.3 26702.1 15.4 19.4 19.7 19.7 38.00 1.500 15.00 58.00 58.00 15.00 2.000 58.	129.12 1063.8 1049.1 17364.2 13.4 16.3 16.6 67.25 31.75 1.250 17.00 1.750 41.129.12 1063.8 1049.4 17547.1 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41.133.44 1078.4 1078.4 1992.8 18035.9 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41.144.73 1217.1 1195.2 21560.0 14.4 17.8 16.7 75.13 34.75 1.375 17.00 1.750 49.144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 77.38 35.00 1.375 15.00 2.000 49.152.4 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 15.00 2.000 49.157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 15.00 1.750 58.161.8 1370.5 1352.5 26462.4 15.3 19.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.161.2 1389.4 1410.9 27388.3 15.4 19.4 19.7 84.00 38.00 1.500 15.00 5.000 58.00 58.00 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 58.00 1.500 1.500 1.500 58.00 1.500 1.500 1.500 58.00 1.500 1.500 58.00 1.500 1.500 1.500 58.00 1.500 1.500 58.00 1.500 1.500 1.500 1.500 58.00 1.500 1.500 1.500 58.00 1.500 1.500 1.500 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.000 58.0000 58.0000 58.0000 58.0000 58.0000 58.0000 58.0000 58.0000 58.000	14X1.250/1.750T	119.04	1037.5	916.5	15998.5	13.3	15.4	17.5	62.00	31.75	1.250	14-00	1.750	-
129.60 1069.7 1049.4 17547.1 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41. 133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 16.00 2.000 41. 144.73 1211.1 1195.6 21590.0 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.000 49. 144.73 1217.1 1259.6 22371.3 14.5 14.4 17.9 18.2 77.38 35.00 1.375 15.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 16.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.759 58. 160.80 1370.5 1352.2 25452.4 15.4 19.4 19.4 19.0 38.00 1.500 15.00 2.000 58.	129.60 1069.7 1049.4 17547.1 13.5 16.4 16.7 67.50 32.00 1.250 15.00 2.000 41. 133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 16.00 2.000 41. 144.25 1211.1 1195.2 21560.0 14.4 17.8 18.1 75.13 34.75 1.375 17.00 1.770 49. 144.25 1217.3 1195.6 21790.4 14.4 17.8 18.1 75.3 34.75 1.375 15.00 2.000 49. 148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 35.00 1.375 15.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.36 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.	17X1.250/1.750T	129.12	1063.8	1049.1	17364.2	13.4	16.3	16.6		•	1.250	0	1.750	41.09
133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 16.00 2.000 41.  144.25 1211.1 1195.2 21580.0 14.4 17.8 18.1 75.13 34.75 1.375 17.00 1.750 49.  144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 77.38 35.00 1.375 15.00 2.800 49.  148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 15.00 2.800 49.  152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49.  157.44 1359.0 1370.5 1352.5 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58.  161.28 1377.1 1353.1 26702.1 15.4 19.7 19.7 84.00 38.00 1.500 15.00 2.000 58.	133.44 1078.4 1099.8 18035.9 13.5 16.7 16.4 69.50 32.00 1.250 16.00 2.000 41. 144.25 1211.1 1195.2 21560.0 14.4 17.8 16.1 75.13 34.75 1.375 17.00 1.750 49. 144.73 1217.3 1195.6 22771.3 14.5 16.2 77.38 35.00 1.375 15.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58. 160.80 1370.5 1352.5 26462.4 15.3 19.0 19.7 84.00 38.00 1.500 15.00 2.000 58.	15x1.250/2.000T	129.60	1069.7	1049.4	17547.1	13.5	16.4	1	67.50	0	52	0	2.000	41.41
144.73 1217.3 1195.6 21790.4 14.4 17.8 18.1 75.13 34.75 1.375 17.00 1.750 49. 144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.800 49. 148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 15.00 2.800 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1370.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 15.00 1.750 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.3 19.5 84.00 38.00 1.500 15.00 2.000 58. 161.28 1377.1 1353.1 26702.1 15.4 19.7 19.4 86.00 38.00 1.500 15.00 2.000 58.	144.73 1217.1 1195.2 21580.0 14.4 17.8 18.1 75.13 34.75 1.375 17.00 1.750 49. 144.73 1217.3 12195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.800 49. 148.57 1217.3 1195.6 22371.3 14.5 18.2 77.38 35.00 1.375 15.00 2.800 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.750 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.750 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.	16x1.250/2.000T	133.44	1078.4	1099.8	18035.9	13.5	16.7	3	69.50	0	25	16.00	2.000	41.41
146.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.000 49. 148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 16.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.759 58. 1610.80 1370.5 1352.2 25652.4 15.3 19.0 19.9 82.00 37.75 1.500 17.00 1.759 58. 1610.80 1370.5 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	144.73 1217.3 1195.6 21790.4 14.4 17.9 18.2 75.38 35.00 1.375 15.00 2.000 49. 148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 16.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.759 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.759 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.	17X1.375/1.750T	144.25	1211.1	1195.2	21580.0	14.4	17.8	-	75.13	~	1.375	17.00	1.750	49.33
148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 16.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.510 16.00 1.759 58. 16.00 1370.5 1352.5 25462.4 15.3 19.0 19.3 88.00 37.75 1.500 17.00 1.759 58. 1610.80 1370.5 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	148.57 1227.7 1249.6 22371.3 14.5 18.2 17.9 77.38 35.00 1.375 16.00 2.000 49. 152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25651.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.759 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 63.75 37.75 1.500 17.00 1.750 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	15x1.375/2.000T	144.73	1217.3	1195.6	21790.4	14.4	17.9	2	-	0	1.375			
152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.510 1.550 1.759 58. 160.80 1370.5 1352.2 25851.7 15.3 19.0 19.3 19.6 83.75 37.75 1.500 17.00 1.759 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 88.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	152.41 1237.4 1303.8 22934.5 14.5 18.5 17.6 79.38 35.00 1.375 17.00 2.000 49. 157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.758 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.758 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	16x1.375/2.000T	148.57		1249.6	22371.3	14.5	18.2	17.9	3	0	1.375	0	2.000	
157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.759 58. 160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.759 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	157.44 1359.0 1302.2 25851.7 15.3 19.0 19.9 82.00 37.75 1.500 16.00 1.758 58.160.0 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.758 58.161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	17X1.375/2.000T	152.41	•		22934.5	14.5	18.5	17.6		0	1.375	17.00	2.000	
160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.750 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	160.80 1370.5 1352.5 26462.4 15.3 19.3 19.6 83.75 37.75 1.500 17.00 1.750 58. 161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58. 165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	16x1.500/1.750T	157.44			25851.7	15.3	19.0	19.9	0	~	1.500	16.00	S	
161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.08 38.88 1.500 15.80 2.880 58.	161.28 1377.1 1353.1 26702.1 15.4 19.4 19.7 84.00 38.00 1.500 15.00 2.000 58.165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	17X1.500/1.750T	160.80		1352.5	26462.4	15.3	19.3			-	1.500	17.00	1.750	
165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	165.12 1389.4 1410.9 27388.3 15.4 19.7 19.4 86.00 38.00 1.500 16.00 2.000 58.	15x1.500/2.000T	~		1353.1	26702.1	15.4	19.4	19.7	0	-	0	15.00	00	
		16X1.500/2.000T	-	1389.4	10.	38	15.4	19.7	19.4		-	0	16.00	00	

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******	ANGE	THIC	.629	. 565		.756	.56	.68	.629	.75	.68	.68	.56	.750	.62	.68	.563	.68	.75	79.	. 688	.87	.75	.686	.75	.629	. 68.	. 87	.75	.68	.87	.750	750	878	1.000	.87	.87	1.00	1.12	1.000	1.000
		HID	•			2 .	9	2	•	•	•	7.	2.	•	3		•	2	2.	•		2	9	7.		• •		2.		7.	•	7.00					6			10.	6
4 DIMENSIONS	WEB	THICK	.375	. 438	4 4 4	438	438	.438	.438	.438	.438	.438	.500	.438	.500	.438	.500	.500	. 438	006.	200	.500	.500	.500	.500	. 563	25.4	.500	.563	.563	.500	.563	2000	. 563	.563	.563	.563	. 563	.625	. 563	.563
*** BEAN		DEPTH	9.63	10.56	0	9.75	10.56	10.69	10.63	9.75	10.69	69.6	15.56	10.75	12.63	10.69	12.56	12.69	10.75	14.63	12.69	12.88	12.75	15.69	12.75	14.63	14.69	12.88	14.75	14.69	12.88	14.75	14. 75	14.88	13.00	14.88	14.88	15.00	15.13	13.00	15.00
*******		AREA	7.13	7.19	7 63	2.69	7.75	7.81	8.13	9.44	8.50	8.75	8.81	8.88	9.13	9.19	9.38	44.6	9.63	2.0	10.13	10.38	10.50	10.81	11.25	11.63	12.00	12.13	12:38	12.69	13.00	13.13	17.88	14.00	14.75	14.88	15.75	15.88	16.63	16.75	16.88
		YF	9.0		8		8.6	6.6	9.6	8.9	1.6	8.8	11.5	4.6	11.5	9.6	11.3	11.5	9.6	11.5	11.3	11.4	11.3	11.1	11.1	12.8	12.8	11.0	12.7	12.6	10.8	12.5	12.4	12.5	10.7	12.2	12.0	15.1	15.2	10.3	11.9
		Y P	1.9	1.9			2.0	2.0	2.1	2.1	2.2	2.1	2.3	2.3	5.4	2.3	5.5	5.5	5.4	9.0	2.6	2.7	2.7	2.8	5.9	3.1	3.2	3.1	3.3	3.3	3.3	3.5	* *	3.7	3.6	3.9	4:1	4.1	4.2	4.0	4.3
		œ	3.1	3.2		3.2	3.4	3.4	3.5	3.3	3.6	3.4	3.9	3.7	4.0	3.7	4.1	4.1	3.8	7.4		4.4	*: 4	4.5	4.6	5.			5.1	5.5	6.4	2.3		2.5	5.1	5.7	5.8	6.6	6.5	5.4	6.0
		INERTIA	417.3	443.7	26.50	433.9	6.464	504.3	530.6	489.3		508.7	9.819	602.5	720.6	626.3	749.2	761.6	666.1	9.767	844.2	883.6	892.5	925.7	981.1	1145.3	1205.4	1087.0	1267.1	1311.9	1183.9	1380.3	1613.1	1515.8	1319.4	1641.2		1789.7	-	1517.6	1922.4
	MODULUS	ZFL	46.4	*		47.9	50.6	51.0	54.3	6.45	58.1	6.75	59.1	62.0	62.8	65.2	0.99	69.9	9.69	*	74.8	77.4	79.3	83.2	88.5	4.68	94.40	98.7	99.5	104.1	109.4	110.0	111100	121.7	123.7	134.0	146.2	147.5	148.5	147.5	161.4
																										373.5						399.5									
																															54.96	25.21	10000	26.88	28.32	28.57	30.24	30.49	31.93	32.16	32.41
		13	1808.	1983		75.07	.5631	. 5.8.81	. 6251	1054.	.6887	1688.	. 5631	1054.	16291	.6881	. 5631	.6881	1057	1629.	. 688T	.8751	.750T	.688T	.750T	. 6251	. 688T	1878	1054.	.688T	.875T	1052.	7501	.8751	T. 000T	.875T	1878.	1.000T	1-1257	1.000T	1.000T
		E.	E	A SHA	1380	×38.	1.4284	1387	. 438.	-	*	. 438/	7005	. 4587	1005.	. 438/	1005	1005	438/	100	5000	2007	2005	2007	1005.	563/	1863/	2007	563/	563/	1005.	563/	1000	. 563/	563/	563/	563/	1895	.625/1	.563/1.	.563/1
			12	13	2 2	京京	2 2					#1	E	E 1	51	8	E.															14x 7x								12×10×	X6 X41

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	14KER- 39-34		:1							BEA	10	MENSIONS **		
			SECTION	MODULUS							H	FLA	z	SHEAR
HOH	NOMINAL SIZE	•	ZPL	٠,		$\alpha$	YP	YF	AREA		THICK	0	THICK	AREA
	.688/1.000T		489.9	165.5	2257.3		4.6	9	9.00	0	.688	7.00	1.000	12.56
×	.625/1.1257	•	392.0	164.3		•	2.4	-	18.75	m .	• 625		1.125	8.99
16 X XX	. 588/1.0001	30.48	511.4	101.0	2426-1	•	•	13.4	19.00	17.26		200	1.250	12.73
. ×	.688/1.000T		510.2	196.7				10	00.00		.686	9.00	1.000	12.56
8×	7507 .8757		554.5	137.7	2934.0		5.3		0.50		.750	8.00	.875	15.10
	.688/1.250T		462.5	197.5	283.		6.4	9	99.0	5	989.	9.00	1.250	11.35
XO1	.688/1.000T		518.5	212.2	2748.1		5.3		1.00		.688	10-00	1.000	12.56
. X6	.688/1.1251		521.2	213.3			5.3		11.13	m	.688	9.00	1.125	12.65
×	.7507 .875T	•	565.0		3114.9		5.5	9	1.36	19.99	.750	00.6	.075	15.10
	.750/1.000T		567.9	214.4	3151.1		5.5	~	1.50	0	.750	8.00	1.00	15.19
	.688/1-1257	•	529.6	•	-		2.6		52.22	7	. 688	20.01	1.125	12.65
×	.088/1-1257	66.99	536.8				2.8		3.38	7	3	-	1.129	12.65
	750/1-1257	45.37	290.0	5.052	3584.8		9.1	9 0	3.63	٠,٠			1.167	12.63
ALLANT A	254/4 254	47.60	0.066	0.002	20.53.0		2.0		24.76		750		1.250	15.33
	750/1.1257	49.60	10	289.1			2.4				750	11.00	1.125	5.29
	750/1.2507	49.92	610.9	290.7	4037.6		9.9		9.00	3.2	.750	10.00	1.250	15.36
18X12X .7	.750/1.1257	51.84	15.		4187.0		6.8		27.00	9.1	.750	12-00	1.125	15.29
	.750/1.250T	52.32	619.0				6.9	9	17.25	~	.750	11.00	1.250	15.38
	.875/1.1257	54.72	8.169				7.3	-	18.50	_	.875	9.00	1.125	50.46
	.875/1.500T	56.16	623.4		4340.7		7.0	•	63.6	10	.875	9.00	1.500	18.16
	.875/1-125T	56.89	708.5	337.9	5349.2		1.6		6.63	-	.875	10-00	1.125	20.46
21X 9X .	·875/1.375T	29.04	722.0	357.8	5653.1		1.8		10.75	m.	.875	9.00	1.375	28.68
	.875/1.1257	29.04	718.1	350.0	5606.1		8.		2.0	-	.875	11.00	1.125	94-02
	975/1-1251	12.19	122 8	382.4	620			9 6	51.66			12.00	1.500	20.00
X	. A75/1. 375F	61.69	732.8	386.9				. "	12.13		. 875	10.00	1.375	20.68
	.875/1.500T	60.09	743.7	4.08.4	6261.3	9.5	4.6	1	3.38	) ID	.875	10.00	1.500	20.78
	.875/1.375T	64.32	742.3	411.6	256.		8.4	~	13.50	1	.875		1.375	20.68
21X11X .8	.875/1.500T	16.99	753.1	437.3	570.		8.7	•	84.88	10	.875	11.00	1.500	20.78
24×10×1-	24×10×1.000/1.125T	67.68	822.7	416.2	7291.0		8.9		35.25	-	1.000		1.125	26.38
21X13X .	21X13X . 875/1.375T	69.60	758.8	465.4	816.	6	9.0	9	6.2	<b>m</b> .	.875		1.375	20.68
Zexilx1.	24X11X1.000/1.1251	69.85	835.7	2.044	7607.0	•	1.6	7.		-	1.000		1.125	20.30
21712	2017157 -01911-9001	20.60	10101	7 -00+		: .			2 4				1.36	07.02
21X14X .	21X14X .875/1.3757	72.25	765.7	491.8	7075.7		9.5	16.6	37.63	22.38	.875	16.00	1.375	20.68
24×10×1.	24×10×1,000/1,375T	72.48	850.1	468.3			9.5	~	-	M	1.000		1.375	26.63
21X13X .	21X13X .875/1.500T	72.73	769.2	435.5		6	9.3	3		10	.875	0	1.500	20.78
24×10×1.	24×10×1.000/1.500T	74.88	862.4	9		10.6	1.6	7.0	-	10	1.000	0	1.500	26.75
24X11X1.	24X11X1.000/1.375T	75.13	861.3	96			9.6	6.	4	-	1.000	0	1.375	
21X14X .	21X14X .875/1.500T	75.61	76.	24	m		9.6	14.2	2	TU.	.875	-	1.500	
24X11X1.	24x11x1.000/1.500T	17.76	873.6	6.925	95.	10.1	10.1			10	1.000	0	1.500	26.75
21X15X .	21X15X .875/1.500T	18.49	782.4	2	7698.1	:	6	13.9		3	.875		1.500	20.78
24×10×1.	24x10x1.000/1.750T	19.68	885.1	0.946	9117.0	10.9	10.3	~	5	25.75	1.000	0	1.750	27.00

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	SHEAR	AREA	.57	.87	=	1.06	1.17		1.07	1.19	1.20	1.4	1.67	1.45	1.69	1.92	1.70	1.94	1.95	1:3	1.95	51.2	2:	2.76	2.6	2.78	2.46	2.80	2.78	3.68	2.8		7.73	*	3.75	2.80	4.10	3.73	*.	3.75	4:10	3.73		
******	99	THICK	118	.251	.313	.250	.313	.313	.313	.375	.43	.375	.313	.438	.375	.313	.430	.375	.430	.375	.438	.5	575		263	.50	.500	.563	. 500	. 438	.563	•	563	.50	.625	.563	.563	. 563	.566	.625	.563	.563	629.	-
	FLANGE								3.00			3-80	3.00	3-00	3.00	3.00	3.00	3.00	3-00	::	1.00				7 . 8		2.00	*	2.00	4-00	2.00			,	4.00	6.00	4.00	2.00	2.00	2.00	2.00	6.00	2.00	
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*** BEAN		DEPTH		3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	4.44	5.38	6.31	5.44	6.38	6.44	6.38	6.44	5.50	7.38	0.00	6.56	7.50	6.50	7.56	7.50	9.64	7.56	9.50	8.56	9.50	8.63	7.56	9.56	9.56	9.50	8.63	9.56	9.56	9.63	
******		AREA	.75	1.06	1.19	1.25	1.38	1.50	1.69	1.86	2.06	2.13	2.19	2.31	2.38	2.44	5.56	2.63	2.81	3.00	3.25	3.56	3.69	90.0	6.13	6.19	4.38	***	4.69	4.75	2.00	2.00	5.25	5.38	5.50	5.56	5.63	5.81	2.88	6.13	6.19	6.38	6.50	
		46	3.8	3.9	3.9	4.8	4.9	3.9	6.4	3.9	4.0	6.9	5.8	6:3	5.8	6.7	2.9	9.9	8.9	6.7	9.9	2.0	9:			2.7	6.7	7:1	4.6	9.5	9:			3.6	8.6	7.5	4.6	8.5	9.3	9.5	9.3	4.6	3.5	•
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		INE	14.2	16.9	16.9	54.5	27.4	23.4	34.3	27.2	30.0	40.8	55.3	45.1	28.6	12.6	64.9	81.3	1.69	97.1	108.5	90.3	137.9	162.4	136.7	167.1	146.3	182.0	194.3	2.602	5.212	257.5	245.4	289.8	264.0	241.7	311.6	283.6	331.1	306.3	358.1	321.4	385.2	
	MODULUS	ZFL	3.7	*:		5.1	5.6	9.9	7.1	6.9	7.5	8.3	9.0	3.5	10.0	10.0	11.1	12.0	13.2	14.4	16.1	15.5	19.1	0 0	20.2	21.8	21.9	23.7	55.6	54.6	28.0		28.7	30.0	30.8	35.2	33.0	33.6	35.5	36.2	36.4	38.5	211	
:	SECTION	142	19.3	22.4	54.6	31.1	34.3	29.4	41.2	33.1	35.9	47.1	58.4	50.9	63.8	16.6	68.9	83.3	89.5	94.5	102.0	100	121.0	120.0	117.6	137.6	152.4	145.2	150.7	160.7	158.6	109.	176.6	199.4	184.1	170.0	207.6	191.1	214.2	199.1	253.2	203.7	231.7	-
	-		1.44	3.04	2.28	2.40	59.2	2.88	3.24	3.61	3.96	4.09	4.28	****	4.57	4.68	4.92	2.85	5.40	5.76	6.24	9.9	20.7	7.56	7.93	9.0	8.41	8.52	9.00	9.12	9.60		10.04	10.33	10.56	10.66	10.91	11.16	11.29	11.77	11.66	12.25	12.48	
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386.1	9.2 7.4	16.4 31.88	22.50		1.500	20.89
	9.2 7.5	m	22.38	.875 10.0	0 1.375	20.79
416.3	9.3 7.7	-	22.50	10	0 1.500	20.89
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445.7	9.5 8.0		22.50	10	0 1.500	20.89
425.1	10.0 8.2	m	25.13		0 1.125	26.51
474.2	9.6 8.3	15.5 36.25	22.38		0 1.375	20.79
450.2	10.1 8.4	18.1 36.38	25.13	0	1.125	26.51
	9.6 8.3	15.6 36.38	22.50		1.50	58-83
475.4	10.5 8.7	17.8 37.50	25.13	1.000 12.0	0 1.125	26.51
.2 501.1	9.7 8.5	15.2 37.63	22.38	.875 14.0	1.375	20.79
478.3	10.3 8.7	18.0 37.75	25.38	1.000 10.0	0 1.375	26.76
505.0	9.7 8.6	15.3 37.88	22.50		1.500	28.89
504.8	10.5 9.0	17.9 39.00	25.50	1.000 10.0	0 1.500	26.88
506.8	10.5 9.0	17.7 39.13	25.38	1.000 11.0	0 1.375	26.76
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1029.0 557.8 9811.0	10.7 9.5	17.6 41.50	25.75	1.000 10.0	1.750	27.13

1.375 IN. PLATE (AREA= 43.48 SQ.IN.)

ZFL INERTIA R VP VF AREA	9005.6 10.7 9.6 17.2	9670.3 10.7 9.6 17.3	8619.9 10.0 9.4 14.5	10269.6 10.9 9.9 17.3	8 10.0 9.0	10279.6 10.9 9.9 17.0	10.1 16.7	10751.9 11.0 10.2 16.9	10665.1 11.0 10.2 16.7 45.	11.1 10.4 16.4	11197.3 11.1 10.5 16.6 46.	10.6 19.1	12847-4 11-8 11-8	11615-8 11-2 10-8 16-3 48.	13210.3 11.9 11.2 16.6 49.	13336.0 12.0 11.2 18.6	12033.2 11.3 11.1	13907.6 12.1 11.6 18.6	789.1 14263.6 12.2 11.8 18.1 52.86	14920.2 12.3 12.1 18.2 54.	14963.7 12.3 12.2 17.9 54.	15506.7 12.5 12.5 17.9	18872.2 13.2 13.2 19.7 60.	18601.6 13.3	10006.0 13.4 13.6 19.5 02.	13.7	21471.0 13.6 14.9 16.5	25510.9 14.7 15.9 20.2	25758.6 14.7 16.0 20.4	26494.3 14.8 16.3 28.0	27211.1 14.9 16.6 19.7	.6 30370.6 15.6	
NOMINAL SIZE MI/FT ZPL	60.41 1024.5	80.64 1027.8	81.37 921.6	83.04 1042.4	63.04 1034.7	63.52 1039.1	85.69 1043.9	86.40 1054.5	86.40 1049.1	69.26 1056.4	89.76 1065.5	1150.7	92.89 1173.2	93.12 1075.1	95.29 1161.5	95.77 1186.2	96.48 1084.4	98.65 1203.5	27X15X1.125/1.500T 101.53 1208.9 7	104.41 1230.3	105.37 1228.0	108.25 1243.1	115.20 1366.1	118.08 1379.9	9.00 1309.1	129.60 1432.1	133.44 1443.8	144.25 1601.3	144.73 1609.2	148.57 1622.8	152.41 1635.5	44 1774.6 1	80 1789.2 1

S	THICK ARE	. 250	_	1.1 .251 1.1		_	_		_	375 1.6		1 375	10 .313 1.	_	_	_	.375		375 2.7	.500	.430	.563		.563			2 200		10 .563 3.		1 .625	.563	.563	200	56.5	.563 4.1	. 563	
MEB FIONS		2.0	2.0	2.1	2.1	3.0	3.0						3.0	3.0	3.0		;	3		;	;	3		;	5.	;			;	;	;	3	;				3	
	THICK	188	.188	. 198	.18	.100	.188	.250	.250	.250	250	25	.250	.250	.258	.250	.250	.250		.313	.313	. 313		. 313	. 313	.375		348	.375	.375	.375	.313	.375			375	375	
BEAN	DEPTH	3.25	3.31	4.25		3.31	4.31	3.30	3.6		3.31		6.31	5.44	6.30		6.38	:	7.3	6.50	::	6.5		7.56	7.50	:	2.5		9.50	9.50	8.63	7.56	9.50			9.56	9.56	
	AREA	1.16	1.19	1.25		1.50	1.69		5.06	2.13	61.2	2.31		2.56	2.63	2.01	3.00	3.25	3.69	3.99	3.94	7				.75			\$ .25	5.30	5.50	9.96	5.63				6. 50	
;			;		2.0	;	:	;	;	2:	5:0				5		3	:			:	:		:	1.7		::		4.7	9.6		1:1	9.6				8.5	
1		: :	:	•	•	•	6.	•	•	•	•	•	:	:	:	:	:	3		:	1.2	?:	::	1:5	:		3	::	:	:	:	:	5:	::		:	1.5	
•				•	•	•	•	•	•	•	::		2	:	1:3	:	:	::		1:5	1:1	:		::	:	2.0	2.	2.2	2.1	2.3	2.2		**	5.3	3.4	2.5	2.4	
	INERTIA	20.2	25.2	6.75	31.0	56.9	38-1	30.9	33.8	:			77.3	69.6	86.3	95.0	105.7	-		132.6	159.6	143.0		190.3	203.1	218.1	551.9	277.8	255.7	301.1	274.9	252.4	323.7	200		372.0	334.0	
MOONLUS	יוני	2.5	5.6	2.1	8.5		7.7	7.7						11.7	12.5	13.7	15.0		18.7	19.2	50.2	20.0		24.3	26.3	2.52		29.0	29.4	31.4	31.5	32.9	33.7		3.6.4	1.65	39.5	
SECT TON	1	26.92	27.1	33.4	36.6	31.9	5.5	35.7	30.5	9.6			2	71.9	96.5	93.1	2.5	106.6	127.6	117.0	136.7	124.0		153.8	160.0	178.5	169.1	283.0	1.88.5	213.4	197.1	102.3	222.9	2005	214.7	241.1	250.2	
	-	2.0	58	;	5.65	2.80	3.24	3.61	3.96	60.	02.4			4.92	5.05	5.40	5.76	2.9	7.0	7.45	7.56	7.93		8.52	9.6	3.12	9.60	9.8	10.08	10.33	10.56	10.60	19.91				12.25	
,	7E	.250T	.3131	.2501	.3131	.313T	.3131	.3751	.4381	.3751	3131	1361	3131	.438T	.3751	.438T	.3751	-4367	3751	.500T	.4387	. 56 31	.5007	.5637	.500T	.438T	. 5631	1884	.5631	.500T	.625T	. 5631	. 5631	15851	1969	1895	.5631	
	2	188/		-				1952.	.250/	1052.	/052.	750				-	- 1			.313/		.313/	1212			.375/	.313/	375/	.375/	.375/	.375/	.313/	.375/	1375/		375/	.375/	
1	_	2 X		2X	×2		×	×	×	× :	2	*	3 ×		XE	3×	×						* *				× 3		×	×	¥ \$			X 4		2×	8 × 9	

									•	*** BEA4				
			SECT ION	2								FLA	Z	
NOMINAL SIZE	125	=	742	14Z	INERTI	~	4		W	DEPTH	THICK	HIDIM	THICK	
.6X 7X .688/	.688/1.000T	99	4.949	170.5	2496.4	9.0	3.9		0	17.00	.688	7.00	1.000	
×	.625/1.125T	2	519.8	169.2	1967.5	5.1	3.6	-		13.13	.625	10.00	1.125	
	.688/1.000T		663.0	186.5	2692.5	5.9	4.1			17.00	.688	8.00	1.000	
	.688/1.250T	35	6.819	197.3	2866.6	6.3	4.2	-		17.25	.688	7.00	1.250	
	.688/1.000T	3	67179	202.6	2885.7	6.3	£.4	~		17.00	.688	00.6	1.000	
×	.750/ .875T	98	734.8	204.1	3255.3	1.9	*:	-	20.50	18.88	.750	8.00	.875	
14x 9x .688/	.688/1.250T	19	616.1	203.5	2562.6	6.5	4.2		20.88	15.25	.688	9.00	1.250	
×	.688/1.000T	32	691.0	218.5	3071.2	6.5	*:	_	21.00	17.00	.688	10.00	1.000	
	.688/1.1257	25	8.469	219.7	3109.5	6.9	4.5	~	21.13	17.13	.688	9.00	1.125	
×	18751	15	750.5	219.9	3465.9	6.9	4.6		21.38	18.88	.750	9-00	.875	
8 X	.750/1.000T		754.5	221.2	3507.0	6.9	4.6	-	21.50	19.00	.750	00.00	1.000	
XO1	.688/1.125	22	7.08.0	237.7		2.9	1.4	•	22.25	17.13	.688	10.00	1.125	
	. 688/1.1257	6	719.4	255.5	3512.7	6.9	6.9	-	23.38	17.13	. 688	11.00	1.125	
	.750/1-1251	11	786.8	258.5	4016-1	7.3	5.1		23.63	19.13	.750	9-00	1.125	
1X	750/1.0007	4	797.5	276.9	4:90.5	1.4	2.3		24.50	19.00	.750	11.00	1.000	
	750/1.25nT	2	405.6	277.9		7.5	2.4		24.75	19.25	750	00.0	1.250	
	750/1.1257	0	A15.3	200.1	4503.7	7.6	2.5		25. 88	10.13	750	11.00	1.125	
	750/1.2501	2		230.0		1.1	2.5		00.92	10.25	750	10.00	1.258	
	750/1 1267		. 36						22.00	10.5	250	200	1.126	
	750/1 2501	2	. 22	1222					27 26	10.00	75.0		1.250	
	875/1.125T	2	1	127	•				28.50	22 12	878		126	
	# 1 COUT		. 32.	136					20.00	200	220			
×	875/1.12ET	9 0	047	340	E.0 27. 7				29.62	22	878	-	1.126	
	875/1 1757	1	2 770	270 7					20.02	22 25			175	
	A76/1 1267	1	2006	172.7	6346		•		20 75	22 4 3	276		1.126	
	A75/1.1257	:	2010	105.0	: .					22 . 12	875		1 126	
	875/1 5007	::		232.4	•					61.22	240			
	075/11-3001	10	90109	236.	6774				00.10	22 20			1.20	
	475/11.3/3/	2 2	2.206	230.					22.13	22 50	.012		1.577	
	875/1 1757	22	996	426.2	7.28 7	3.0	::		23.50	22 34			1 275	
	875/1 CANT			, ,	•					22.60				
	1.25		1000	423			: .		20.00	06.22			1000	
24×42× A75/4 2757	17757		1030		•				25.55	22 22	916		77.	
TOTAL DEPOT 12 TOTAL	1361	2		464 2	0 01 30		::		22.00	26.32			1000	
21x12x 875/1.500T	1.5007	u	1024.6	4.83.4	7882.0	9.6	1.7		26.38	22.50	878			
24×12×1-000/1-125	12551	2	1125.6		8 1100	10.0			17.50	25.13	1.000		1.126	
21X14X .875/	875/1.1757	u	1031-0	5.005	8139.0		2.0		17.61	22.38	. A75	14.00	1.375	
24×10×1-000/1-37 51	12.17.51		1133.8	497.0	9156.7	10.1			17.75	25.38	1.000	0	1.375	
21X13X .875/	.875/1.500T	2	1035.8	513.2	8236.5	9.6			-	22.50	.875		1.500	
	1.5007		1150.9	514.0	9593.3	10.3	8.3			25.50	1.000		1.500	
24×11×1-000/1-37 5T	1.3751	-	1149.6	518.0	9598.9	10.3				25.38	1.000		1.375	
21X14X . 875/1 . 500T	1. SOUT	75.61	1046.2	543.6	8583.5					22.50			1.600	
24x11x1-000/1-500T	1.5007	77.76		547.9	10066.4	10.4			60.50	25.50	1.000	11.00	1.500	
			;											
24Y15Y . 875/1. 500T	1.5007	78.40	ä	6713	4015 7		7 4		-	22.50	. 475	15.00	1.500	

1.500 IN. PLATE (AREA = 51.75 SQ.IN.)

								*****	*** BEAM	M DIMENSIONS	SIONS	*****	
		SECT ION	MODULUS	s						ME8	FLA	FLANGE	SHEAR
NOMINAL SIZE	MT /FT	ZPL	ZFL	INERTIA	œ	4		AREA	DEPTH	THICK	HIDIH	THICK	AREA
24 X1 3X 1. 000/ 1. 37 5T	80.41	1177.8	580.8	10455.7	10.6	8.9		41.88	25.38	1.000	13.00	1.375	26.88
24x12x1.000/1.500T		1181.5	581.8	10525.0	10.6	8.9		42.00	25.50	1.000	12.00	1.500	27.00
21X16X .875/1.500T	81.37	1064.2	603.3	9240.2	9.6	8.7	15.3	42.38	22.50	.875	16.00	1.500	21.00
24X11X1.000/1.750T	83.04	1198.6	607.3	10983.2	10.8	3.6		43.25	25.75	1.000	11.00	1.750	27.25
24x14x1,000/1,375T	83.04	1190.0	611.8	109601	10.7	9.1		43.25	25.38	1.000	14.00	1.375	26.88
24X13X1.000/1.500T	83.52	1195.1	616.2	10976.8	10.7	9.5	17.8	43.50	25.50	1.000	13.00	1.500	27.00
24X15X1.000/1.375T	85.69	1200.9	642.4	11249.8	10.8	9.6	17.5	44.63	25.38	1.000	15.00	1.375	26.88
24X12X1.000/1.750T	86.40	1213.1	646.7	11494.7	10.9	9.5	17.8	45.00	25.75	1.000	12.00	1.750	27.25
24X14X1.000/1.500T	85.40	1207.0	649.7	11403.3	10.9	4.6	17.6	45.00	25.50	1.000	14.00	1.500	27.00
24X15X1.000/1.500T		1218.1	683.5	11821.1	11.0	4.6	17.3	46.50	25.50	1.000	15.00	1.500	27.00
24X13X1.000/1.750T	89.76	1226.2	686.1	11988.9	11.0	8.6	17.5	46.75	25.75	1.000	13.00	1.750	27.25
27X12X1.125/1.375T	90.01	1325.4	656.2	13115.1	11.5	6.6	20.0	46.88	28.38	1.125	12.00	1.375	33.62
27X13X1.125/1.375T	95.64	1340.8	691.2	13627.1	11.7	10.2	19.7	48.25	28.38	1.125	13.00	1.375	33.62
27X12X1.125/1.500T	92.89	1344.6	632.3	13710.0	11.7	10.2	19.8	48.38	28.50	1.125	12.00	1.500	33.75
24X14X1.000/1.750T	93.12	1237.7	724.7	12455.1	11.1	10.1	17.2	48.50	25.75	1.000	14.00	1.750	27.25
27x14x1.125/1.375T	95.29	1354.5	725.1	14111.5	11.8	10.4	19.5	49.63	28.38	1.125	14.00	1.375	33.62
27×13×1.125/1.500T	95.77	1359.8	129.8	14247.7	11.8	10.5	19.5	49.88	28.50	1.125	13.00	1.500	33.75
24X15X1.000/1.750T	96.48	1248.8	754.4	12921.1	11.3	10.3	16.9	50.25	25.75	1.000	15.00	1.750	27.25
27x12x1.125/1.750T	98.65	1379.9	763.9	14873.4	12.0	10.8	19.5	51.38	28.75	1.125	12.00	1.750	34.03
27x15x1.125/1.500T	101.53	1386.6	804.4	15272.5	15.1	11.0	19.0	52.88	28.50	1.125	15.00	1.500	33.75
27×13×1.125/1.750T	105.01	1395.0	807.3	15469.2	15.1	11.1	19.5	53.13	28.75	1.125	13.00	1.750	34.03
27X12X1.125/2.000T	104.41	1411.1	834.1	15988.9	15.3	11.3		54.38	29.00	1.125	12.00	2.000	34.31
27X14X1.125/1.750T	105.37	1408.7	920.6	16043.2	15.3	11.4		24.88	28.75	1.125	14.00	1.750	34.03
27X13X1.125/2.000T	108.25	1426.1	893.6	16640.6	15.4	11.7		56.38	29.00	1.125	13.00	2.000	34.31
30x15x1.250/1.500T	115.20	1563.1	938.4	19350.4	13.2	15.4	50.6	60.09	31.50	1.250	15.00	1.500	41.25
30X16X1.250/1.500T	118.08	1576.8	979.3	19935.2	13.3	15.6	20.4	61.50	31.50	1.250	16.00	1.500	41.25
30×14×1.250/1.750T	119.04	1587.2	987.4	20239.0	13.3	15.8	50.5	62.00	31.75	1.250	14.00	1.750	41.56
30×17×1.250/1.750T	129.12	1628.3	1129.4	22173.4	13.7	13.6	19.6	67.25	31.75	1.250	17.00	1.750	41.56
30×15×1.250/2.000T	129.60	1636.8	1131.1	55406.5	13.7	13.7	19.8	67.50	32.00	1.250	15.00	2.000	41.88
30X16X1.250/2.000T	133.44	1650.4	1185.2	23108.8	13.8	14.0	19.5	69.50	32.00	1.250	16.00	2.000	41.88
33X17X1.375/1.750T	144.25	1822.1	1291.8	27401.8	14.7	15.0	21.2	75.13	34.75	1.375	17.00	1.750	49.64
33X15X1.375/2.000T	144.73	1831.0	1293.6	27668.1	14.8	15.1	21.4	75.38	35.00	1.375	15.00	2.000	50.19
33×16×1.375/2.000T	148.57	1846.6	1351.6	29484.2	14.9	15.4	21.1	77.38	35.00	1.375	16.00	2.000	50.19
33X17X1,375/2,000T	152.41	1861.2	1409.9	29281.0	14.9	15.7	29.8	79.38	35.00	1.375	17.00	2.000	50.19
36x16x1.500/1.750T	157.44	2010.3	1412.8	32566.0	15.6	16.2	23.1	82.00	37.75	1.500	16.00	1.750	58.88
36×17×1.500/1.750T	160.80	2026.7	1466.9	33400.4	15.7	16.5	22.8	83.75	37.75	1.500	17-00	1.750	58.88
36x15x1.500/2.000T	161.28	2035.9	1468.7	33701.5	15.8	16.6	55.9	94.00	38.00	1.500	15.00	2.000	59.25
36x16x1.500/2.000T	165.12	2053.7	1530.9	34645.1	15.9	16.9	9.22	96.00	30.00	1.500	16.00	2.000	58.25

1.5000 - 1 1/2 in.

1.06 3.25 .186 2	
1.06 3.25	5:1 1:19 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:11 5:25 5:25
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12.5 9.4 10.6 9.6 11.6 9.6 11.6 9.9 11.2 4 10.1 11.2 5 10.3 11.2 3 11.0 12.3 11.0	0 0 0 0 m m m m tv tv m m	200000000000000000000000000000000000000		8 880.4 3.3 2. 9 780.4 3.1 1. 9 703.6 3.4 2. 703.6 3.4 1. 960.2 3.6 2. 1026.2 3.6 2. 1078.6 3.6 2. 4 1146.1 3.7 2.	73.9 780.4 3.3 2.73.9 780.4 3.1 1.73.3 783.6 3.4 2.73.3 783.6 3.4 2.73.5 81.9 1026.2 3.5 2.8 83.8 1037.7 3.6 2.8 83.8 1146.1 3.7 2.8 83.4 1146.1 3.7 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.8 83.6 2.0 2.0
10.6 9.6 12.4 9.7 11.2.4 10.1 11.2.4 10.3 11.2.4 10.3 12.3 10.6 12.3 11.0 12.3 11.0	O O O O O O O O O O O O O O O O		4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 780.4 3.1 9 780.4 3.1 703.6 3.4 960.2 3.5 960.2 3.5 1026.2 3.6 1176.6 3.6 4 1146.1 3.7	73.9 780.4 3.1 77.6 923.6 3.4 77.3 703.6 3.4 81.9 1026.2 3.5 83.8 1037.7 3.6 87.9 1078.6 3.6 93.4 1146.1 3.7
12.4 9.7 11.2.4 10.1 11.2.5 10.3 11.2.5 10.3 12.4 10.5 12.3 11.2	0 0 m m m m tu tu m m	30000NC	4 B W W W W W W	5 923.6 3.4 703.6 3.0 3.0 1026.2 3.5 3.6 1037.7 3.6 3.6 1146.1 3.7 1328.2 4.0	74.6 923.6 3.4 73.3 703.6 3.0 81.9 1026.2 3.5 83.8 1037.7 3.6 87.9 1078.6 3.6 93.4 1146.1 3.7
9 9.6 9.9 1 12.4 10.1 1 12.5 10.3 1 12.4 10.5 2 12.3 10.8	Q1 64 64 64 67 67 67			703.6 3.0 2 1026.2 3.5 9 1026.2 3.6 1037.7 3.6 4 1146.1 3.7 1328.2 4.0	73.3 703.6 3.0 61.9 2 980.2 3.5 83.8 1037. 3.6 87.9 1078.6 3.6 93.4 1146.1 3.7
1 12.4 10.1 1 12.5 10.3 1 12.4 10.5 2 12.3 10.8	ed 64 64 67 68 143 143	~~~~~		2 980.2 3.5 9 1026.2 3.6 9 1037.7 3.6 4 1146.1 3.7 1328.2 4.0	79.2 960.2 3.5 81.9 1026.2 3.6 87.9 1077.7 3.6 87.9 1178.6 3.6 93.4 1146.1 3.7
1 12.5 10.3 1 12.4 10.5 2 12.3 10.8 2 12.3 11.2	44 64 67 64 W. L.		9999	9 1026.2 3.6 9 1037.7 3.6 4 1146.1 3.7 5 1328.2 4.0	83.8 1035.2 3.6 83.8 1037.7 3.6 87.9 1078.6 3.6 93.4 1146.1 3.7
1 12.4 10.5 2 12.3 10.6 2 12.3 11.2	M (A (A W) 1.)		3.6	3.8 1037.7 3.6 7.9 1078.6 3.6 3.4 1146.1 3.7 4.5 1328.2 4.0	83.8 1037.7 3.6 87.9 1078.6 3.6 4 93.4 1146.1 3.7 99.5 1228.2 4.0
2 12.3 11.2	U (U P) P		3.4	3.4 1146.1 3.7 4.5 1328.2 4.0	4 93.4 1146.1 3.7 994.5 1328.2 4.0
	4.4 6.4		6.4	4.5 1328.2 4.0	2 94.5 1328.2 4.0
3 14.1 11.6			200		2 400 0 4050 0 70
3 12.2 12	į		3.9	2.9 1250.9 3.9 2	2 106.9 1690.9 3.9 6
.1 12	-	4.1 2.	1400.7 4.1 2.	9.7 1400.7	5 99.7 1400.7
.3 12	-	3.9 2	•	4.1 1276.8	.5 104.1 1276.8
14.0 12	•	2 2 3 .	9.	5.0 1475.6	6 105.0 1475.6
13.9 12		200		1550.9	.6 109.6 1530.9
113		4.1			1398.6
12.2		4-1		1438-2	5 117.6 1438.2
7 13.8 13.8	~	~	~	.9 1751.7 4.6 2	5 126.9 1751.7 4.6 2
7 13.9	-	2	2 9.4 0	2 1783.0 4.6 2	.6 128.2 1783.0 4.6 2
.7 12.1 14.75		4.3 2	1574.7 4.3 2	0.4 1574.7	130.4 1574.7
.8 1	5	4.8 2	1.6	.0 1941.6	.2 141.0 1941.6
.0 13.6 15.75	-	4.9 3.	** **	5.4 4.5	9 153.7 2095.4 4.
.0 13.7 15.88	-	5.0 3	2130.7 5.0 3.	5.2 213	5.2 213
.8 1	-	5.0 3	2164.1 5.0 3	4.1	5 156.6 2164.1
.8 16	5	4.6 2	5.3	.4 1835.3	0 155.4 1835.3
.2 13.6 16.88		5.1 3	2303.8 5.1 3.	169.7 2303.8 5.1 3.	9.7 230
6.	٦.	4.6 3.	1892.4 4.6 3	9.4 189	29.5 159.4 189
9.		5.2 3	2358.0 5.2 3	2.8 235	29.8 172.8 235

1.750 IN. PLATE (AREA = 70.44 SQ.IN.)

								*******	*** BEAM		DIMENSIONS +	*******	
	SEC	TION	MODULUS								3	ANGE	SHEAL
NOMINAL SIZE	/FT	ZPL	ZFL	INERTIA	~	YP		AREA	_	THICK	WIDTH	THICK	AREA
	•	2.0	174.8		5.5	3.4	7	8.00	17.00	.688	7.00	1.000	12.9
. 625/1.12	• 000	6.3			4.8	3.1	~	8.75	-	.625	10.00	1.125	9.3
	84.	6.3			5.7	3.5	~	9.00	-	.688	8.60	1.000	12.90
•	.92	2.8			5.9	3,7	-	3.75	N	.688	7.00	1.250	13.0
	8 04.	8.2			6.5	3.7	-	00.0	0	.688	9.00	1.000	12.9
18X 8X .7507 .8751	.36	8.8			6.2	3.8	•	0.50	-	.750	8.00	.875	15.4
14X 9X .688/1.250T	60.	2.2		2791.7	5.5	3.0	3	0.68	N	.688	9.00	1.250	11.70
	.32	1.6			6.0	3.8	•	1.00	-	.688	10.00	1.000	12.9
16X 9X .688/1.125T	.57	2.7	224.9	3376.7	6.1	3.9	0	1.13	17.13	.688	9.00	1.125	12.9
	• 05	1.4			4.9	4.0	9	1.38		.750	9.00	.875	15.47
18X 8X . 750/1,000T	.28	8.9			4.9	4.0	~	1.50		.750	8.00	1.000	15.56
	.72	5.5		:		4.0		2.25	_	.688	10.00	1.125	12.9
	68.	7.6		835	4.9	4.2	~	3.38	-	. 688	11.00	1.125	12.9
	.37	6.1				4.4	10	3.63		.750	9.00	1.125	15.6
18X11X . 750/1.000T	.04 10	9.3		567	6.9	4.5	~	1.50	0	.750	0	1.000	15.5
	.52	0.2			7.0	4.6		75	-	.750		1.250	15.7
.750/1.12	69	5.1		923.	7.1		_	88.		.750		1.125	15.6
	. 92	8.0		4980.8	7.2	4.8	~	90.0		.750		1.250	15.7
	84	2.1	325.7		7.3	6.4		00	-	750		1-125	15.6
	2	1			7.4	2		7.25		750	11-00	1.250	15.7
21x 9x .875/1.125T	.72	2.1			2.9			5.0		.875		1.125	20.9
	4		3	5407.5	7.4			26	4 10	. A 75	-	1.500	18.5
	56.89 1204.3		29		8.1	5.5		29.63		.875	10-00	1.125	20.9
21X 9X .875/1.375T	10	6.0		015.	8.3	5.7		1.75		.875	00 6	1.375	21.1
7211X -875/1-125	10		82	6960-1	8.3			75		878	11.08	1.125	20.9
	21	3.3	406.2	311	8.5			88		.875	12.00	1-125	20.9
	21	8 2	03	336	8.5	2.0		88	1 10	.875	9.00	1.500	21.2
	69	3.7	4.09.3	445.	8.5	2		2.13		.875	10-00	1.375	21.1
21X10X .875/1.500T	60.	6.5	34.	858	8.7	6.2	-	3.38	-	.875		1.500	21.2
	. 32	3.9	37.		8.7	6.2	0	3.50	m	.875	11.00	1.375	21.1
	16.	5.8	65.	298.	8.9	4.9		88	10	.875	11.00	1.500	21 2
24X10X1.000/1.125T	99	5.5	45.	077.	9.3	6.5		5.25	-	1.000	-	1.125	26.8
21X13X .875/1.3757	9	9.3	494.5	8661.6	9.0	9.9	10	5.25	-	•	13.00	1.375	21.1
24X11X1.000/1.125T	9.85	9.9	71.	511.	9.4	2.9	~	5.38	-	1.000	11.00	1.125	26.8
21X12X .875/1.500T		4.4		8735.7	9.0	9.9	9	5.38	10	.875	-	1.500	21.2
24X12X1.000/1.125T	2.00	2.9	97.	939.	9.6			1.50	-	1.000	-	1.125	26.8
21X14X .875/1.3757	2.25	4.1		040	9.1	6.8	-	37.63	-	.875	14-60	1.375	21.1
24X10X1.000/1.375T	2.48	4.7	01.	101.	4.6		~	1.75	-	1.000	-	1.375	27.1
21X13X .875/1,500T	2.73	1.0		152.	8.5	6.9		88.	10	.875	-	1.500	21.2
24x10x1.000/1.500T	4.88 1		58.	9	8.6			9.00	-	00	-	1.500	27.2
24X11X1.000/1.375T	5.13 1			613.	9.8		•	9.13	-	1.000	-	1.375	27.1
21X14X .875/1.500T	5.61 1	5.8	57.	562.	9.3		-	3.38	10		-	1.500	21.2
24X11X1.000/1.500T	77.76 1493.		63	154.	10.0	7.5	19.8 4	0.50	25.50	00	11.00	1.500	27.25
1X15X .875/1.50	8.49 1	9.6	88.	958.	9.5		4 6		10		-	1.500	21.2
												•	

DAVID W TAYLOR NAVAL SHIP RESEARCH AND DEVELOPMENT CE--ETC F/G 11/6
PROPERTIES OF COMBINED BEAM AND PLATE FOR HIGH-STRENGTH STEELS --ETC(U)
DEC 77 S F ZEMANEK, N S NAPPI
DTNSRDC-77-0069
NL AD-A048 989 UNCLASSIFIED 5 of \$ END DATE AD A048989 2-78 DDC

## 5 OFS

AD A048989



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-

ZFL         INRRIA         R         YP         AREA         DEPTH         FILIC         HITCH         HITCH <th></th> <th></th> <th>SECT TON</th> <th>MODOLOS</th> <th>2</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>MED</th> <th></th> <th>JONES!</th> <th>SHEAR</th>			SECT TON	MODOLOS	2						MED		JONES!	SHEAR
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85.69 1541.2 666.8 12548.0 10.4 6.1 19.0 44.63 25.38 1.000 15.00 1.375 16.40 1597.0 66.80 12548.0 10.4 19.3 14.63 25.38 1.000 12.00 11.975 16.40 14.90 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.00 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000 12.50 1.000	1.500T	83.52	1532.6	634.0	12221.2	10.4	8.0	19.3	43.50	25.50	1.000	13.00	1.500	27.25
86.40 1577.0 665.8 12824.6 10.5 8.2 19.3 45.00 25.75 1.000 12.00 1.750 86.40 1577.0 665.8 12825.2 10.5 8.2 19.0 46.70 25.50 1.000 14.000 14.000 1.500 89.70 155.0 1.000 14.000 15.0 10.500 89.70 155.5 705.3 14711.2 10.7 8.5 19.0 46.75 25.75 1.000 15.0 10.1.500 19.70 19.70 10.1 15.0 10.1 1.500 19.70 10.1 15.0 10.1 1.500 19.70 10.1 15.0 10.1 1.500 19.70 10.1 15.0 10.1 1.500 19.70 10.1 15.0 10.1 1.500 19.70 10.1 10.1 10.1 10.1 10.1 10.1 10.1 1	1.375T	3000	1541.2	860.8	12548.0	10.4		19.0	44.63	25.38	1.000	15.00	1.375	27.13
86.40         1569.3         66.6.5         12725.2         10.5         0.2         19.0         46.50         25.50         1.000         15.00         1.500           89.20         1565.0         173.2         13721.2         11.1         0.6         21.5         46.50         25.75         1.000         15.00         1.550           90.01         1611.9         677.3         14573.1         11.1         0.6         21.5         46.85         26.35         1.125         12.00         13.00         13.75           92.64         172.7         174.2         1570.6         11.3         0.9         21.3         46.85         26.75         1.010         14.00         1.375           92.64         177.7         176.0         1366.1         10.8         0.8         21.6         0.8         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.125         1.	1.750T	86.40	1557.0	665.8	12824.6	10.5	8.2	_	15.00	25.75	1.000	12.00	1.750	27.50
99.28 1565.0 703.2 13221.3 10.6 0.4 10.8 46.50 25.50 1.000 15.00 1.500 19.00 19.0 16.75 15.00 15.00 15.00 15.00 10.0 15.00 10.0 15.00 10.0 15.00 10.0 15.00 10.0 15.00 10.0 15.00 10.0 15.0 10.0 15.0 10.0 15.0 10.0 10	1.500T	86.40	1549.3	668.5	12725.2	10.5	8.2		45.00	25.50	1.000	14.00	1.500	27.25
99.76 1575.5 706.3 13411.2 10.7 8.5 19.0 46.75 25.75 1.000 13.00 1.750 99.01 1691.9 677.3 14573.1 11.1 8.6 21.5 46.88 28.38 1.125 12.010 13.75 92.64 1712.6 713.2 15170.1 11.1 8.6 21.5 46.88 28.38 1.125 12.010 1.375 92.89 1717.7 714.5 15264.1 11.3 8.9 21.3 46.25 26.30 1.125 12.20 1.378 92.89 1717.7 714.5 15264.1 11.3 8.9 21.3 46.25 26.50 1.125 12.00 1.375 95.29 1731.4 746.1 15739.0 11.4 9.1 12.1 49.80 26.50 1.125 14.010 1.750 95.29 1731.4 753.1 15645.8 11.7 9.4 12.1 49.80 26.50 1.125 14.010 1.750 96.65 1607.4 755.1 15645.8 11.7 9.4 21.1 49.80 26.50 1.125 14.010 1.575 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 101.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 1	11.500T	89.28	1565.0	703.2	13221.3	10.6	9.4		46.50	25.50	1.000	15.00	1.500	27.25
90.01 1691.9 677.3 14573.1 11.1 0.6 21.5 46.00 20.30 1.125 12.00 1.375 92.64 1712.0 713.2 15170.0 11.3 0.9 21.4 40.30 20.30 1.125 13.00 1.575 92.04 1712.0 713.2 155170.0 11.3 0.9 21.4 40.30 25.5 11.25 13.00 1.570 93.12 1591.7 714.5 15524.0 11.0 0.0 0.0 21.4 40.60 25.5 11.25 13.00 1.570 95.29 1731.4 748.1 1570.0 11.6 0.0 11.6 9.1 21.0 40.65 26.5 11.25 14.00 1.575 95.29 1731.4 763.1 15040.0 11.6 9.1 21.1 40.65 26.5 11.25 13.00 1.575 95.29 1731.4 763.1 15040.0 11.6 9.1 21.1 40.65 26.5 11.25 13.00 1.575 95.29 14527.2 11.0 9.0 12.1 40.65 26.5 11.25 13.00 1.575 101.5 1774.0 829.9 14527.2 11.0 9.0 12.1 40.65 26.5 11.25 13.00 1.575 101.5 11.25 13.00 1.575 101.5 1774.0 829.9 17105.2 11.0 9.6 21.6 52.0 5.75 11.25 12.0 1.750 101.5 11.0 1.750 101.5 11.0 1.25 11.25 12.0 1.250 101.5 101.5 11.0 1.25 11.2 10.5 10.0 1.750 101.5 11.0 1.2 101.5 11.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10.0 1.2 10	71.750T	89.76	1575.5	706.3	13411.2	10.7	8.5		46.75	25.75	1.000	13.00	1.750	27.50
92.64 1712.0 713.2 15170.6 11.3 0.9 21.3 40.25 20.36 1.125 12.00 1.570 92.89 1777.7 714.5 12264.1 11.3 0.9 2.6.4 48.36 28.36 1.125 12.00 1.500 1.500 95.29 1731.4 746.1 15799.0 11.4 9.1 22.0 149.63 28.38 1.125 12.00 1.750 95.29 1731.4 748.1 15799.0 11.4 9.1 21.1 149.66 20.50 1.125 14.00 1.750 95.29 1731.4 748.1 15799.0 11.6 9.0 12.0 149.63 28.38 1.125 14.00 1.750 95.29 1731.4 748.1 15799.0 11.6 9.0 12.1 15.0 1.25 1.125 1.125 1.20 1.500 95.27 1.750 1.000 1.570 95.27 1.750.0 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	11.375T	90.01	1691.9	677.3	14573.1	11.1	9.6	2	46.88	28.38	1.125	12.00	1.375	33.90
92.89 1717.7 714.5 15264.1 11.3 6.9 21.4 46.36 26.50 1.125 12.00 1.500 93.12 1591.7 746.0 13968.1 110.8 6.8 16.7 48.50 26.75 1.000 14.00 1.750 95.29 1731.4 746.0 13968.1 110.8 6.8 16.7 748.5 12.000 14.00 1.750 95.29 1731.4 746.0 13968.1 110.8 6.8 16.7 748.5 26.38 1.125 1.000 1.750 95.29 1731.4 746.9 11.6 9.1 21.1 49.68 26.50 1.125 1.000 1.750 96.65 1.000 1.25 1.000 1.750 96.65 1.000 1.25 1.000 1.25 1.000 1.750 96.65 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.25 1.000 1.2	11.375T	92.64	1712.8	713.2	15170.8	11.3	6.9	2	48.25	28.38	1.125	13.00	1.375	33.90
93.12 1591.7 746.0 13968.1 10.0 0.0 10.7 40.50 25.75 1.000 14.00 1.750 95.29 1731.4 749.1 15739.0 11.4 9.1 21.0 19.63 28.38 1.125 14.00 1.575 96.69 1.125 14.00 1.575 96.69 1.125 16.00 1.125 14.00 1.575 96.46 1677.4 753.1 15894.0 11.5 9.0 12.1 19.5 92.5 25.75 1.000 1.125 12.00 1.750 96.65 1765.0 786.5 16622.0 11.7 9.0 12.1 51.38 28.75 1.000 1.25 12.00 1.750 10.5 1774.0 829.9 17105.2 11.0 9.0 12.1 51.38 28.75 1.125 12.00 1.750 10.5 11.750 10.5 1.125 1.125 1.25 1.2 10.1 1.750 10.5 1.1 1750 10.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	1.500T	92.89	1717.7	714.5	15264.1	11.3	6.9		46.38	28.50	1.125	12.00	1.500	34.03
95.29 1731.4 748.1 15739.0 11.4 9.1 21.0 49.63 28.36 1.125 14.00 1.375 95.77 1738.4 753.1 15694.6 11.5 9.1 21.1 49.86 28.50 1.125 13.00 1.500 96.40 1753.1 15694.6 11.5 9.1 21.1 49.86 28.50 1.125 13.00 1.500 96.40 1755.0 788.5 14527.2 11.7 9.4 21.1 51.38 28.75 1.125 13.00 1.500 10.500 10.55 1774.6 829.9 17105.2 11.8 9.6 20.6 52.86 28.50 1.125 12.0 1.750 10.6 11.750 10.6 1776 11.8 9.7 20.6 53.13 28.75 1.125 13.00 1.750 10.6 11.8 9.7 20.6 53.13 28.75 1.125 13.00 1.750 10.6 11.8 9.7 20.6 53.13 28.75 1.125 13.00 1.750 10.6 25 18.6 28.50 1.125 13.00 1.750 10.6 25 18.7 21.6 17.8 10.6 20.8 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0 10.1 2.0	71.750T	93.12	1591.7	746.0	13968.1	10.8	8.8	1	18.50	25.75	1.000	14.00	1.750	27.50
95.77 1736.4 753.1 15894.6 11.5 9.1 21.1 49.86 26.50 1.125 13.00 1.500 96.46 1607.4 786.9 14527.2 11.0 9.0 18.5 90.25 25.75 1.125 12.00 1.500 96.65 1765.0 786.9 14527.2 11.0 9.0 18.5 90.25 25.75 1.000 15.00 1.750 101.53 1774.6 829.9 17105.2 11.8 9.6 20.6 52.86 28.50 1.125 12.00 1.750 102.01 1785.6 833.3 17326.1 11.8 9.7 20.8 53.13 26.75 1.125 12.00 1.750 106.41 1806.8 861.3 17935.0 12.0 10.0 20.5 54.88 28.75 1.125 12.00 1.750 106.2 106.4 1806.8 861.3 17935.0 12.0 10.2 20.5 56.38 29.00 1.125 12.00 1.750 1105.2 18010.9 12.0 10.0 20.5 56.38 29.00 1.125 12.00 1.750 115.20 1991.6 970.7 21699.9 12.9 10.9 22.4 60.00 31.50 1.250 15.00 1.750 115.00 2.2392.5 13.0 11.1 22.1 61.50 31.75 1.250 15.00 1.500 1.500 119.04 2023.0 1021.8 22742.2 13.1 11.2 22.3 62.00 31.75 1.250 17.00 1.750 129.6 2030.8 1170.6 25317.4 13.5 12.1 21.4 67.25 31.75 1.250 17.00 1.750 1.29.60 2088.4 1170.6 25317.4 13.5 12.1 21.4 67.5 31.75 1.250 17.00 1.750 1.44.2 20.2 134.2 13.5 13.0 1.2.3 69.50 22.0 1.250 17.00 1.750 1.44.2 20.2 134.2 1.3 2.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	11.3751	95.29	1731.4	748.1	15739.0	11.4	9.1		19.63	28.38	1.125	14.00	1.375	33.90
96.46 1607.4 786.9 14527.2 11.0 9.0 18.5 50.25 25.75 1.000 15.00 1.750 101.53 1774.6 829.9 17105.2 11.8 9.6 21.6 52.86 20.50 1.125 11.2 12.0 1.750 11.0 11.0 1.750 11.0 1.2 1.1 12.0 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	1.500T	95.77	1738.4	753.1	15894.8	11.5	9.1	_	98.64	28.50	1.125	13.00	1.500	34.03
98.65 1765.0 788.5 16622.8 11.7 9.4 21.1 51.38 28.75 1.125 12.00 1.750 101.53 1774.8 829.9 17105.2 11.8 9.6 20.6 52.88 28.50 1.125 15.00 1.500 1.601 101.53 1775.8 13.8 17328.1 11.8 9.6 20.6 53.8 29.0 1.125 15.00 1.500 1.500 105.8 106.8 861.3 17328.1 11.0 9.9 20.6 53.13 26.75 1.125 12.00 1.750 105.8 10.0 1.125 12.00 1.750 105.2 105.2 1.125 13.00 1.125 13.00 1.750 105.2 105.2 105.2 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.125 13.00 1.200 11.500 11.2 22.5 66.00 31.75 1.250 15.00 1.500 1.500 11.0 1.0 1.2 13.0 1.2 13.0 1.2 13.75 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.750T		1607.4	786.9	14527.2	11.0	9.0	2	50.25	25.75	1.000	15.00	1.750	27.50
101.53 1774.6 829.9 17105.2 11.8 9.6 20.6 52.86 26.50 1.125 15.00 1.500 102.01 1785.6 833.3 1774.6 823.3 17326.1 11.8 9.7 20.6 53.13 28.75 1.125 13.00 1.750 104.41 1806.8 861.3 17326.1 11.0 9.9 20.6 53.13 28.75 1.125 13.00 2.000 105.37 1604.4 87.8 18010.9 12.0 10.0 20.5 54.86 28.75 1.125 14.00 2.000 105.20 105.27 1604.4 912.4 10712.7 12.0 10.0 20.5 54.86 28.00 1.125 14.00 1.750 115.20 1991.6 970.7 21699.9 12.9 10.9 22.4 60.00 31.50 1.250 15.00 1.750 119.04 2023.0 1012.8 22392.5 13.0 11.1 22.1 61.50 31.50 1.250 15.00 1.500 1.500 119.04 2023.0 102.8 22742.2 13.1 11.2 22.3 62.00 31.75 1.250 15.00 1.500 1.750 129.6 2006.4 117.6 25127.4 13.5 12.1 21.4 67.25 31.75 1.250 15.00 1.750 129.60 2006.4 1170.6 25317.4 13.5 12.1 21.4 67.25 31.75 1.250 15.00 2.000 1.750 154.0 2.000 1.750 154.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 2	11.750T		1765.0	788.5	16622.8	11.7	9.6	-	51.38	28.75	1.125	12-00	1.750	34.31
102.01 1785.6 833.3 17328.1 11.8 9.7 20.8 53.13 28.75 1.125 13.08 1.758 104.41 1806.8 861.3 17935.0 12.0 9.9 20.8 54.38 29.00 1.125 12.00 2.000 105.2 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.00 2.000 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 12.0 105.2 1	1.500T		1774.8	859.9	17105.2	11.8	9.6	9	25.88	28.50	1.125	15.00	1.500	34.83
106.41 1806.8 861.3 17935.0 12.0 9.9 20.6 54.38 29.00 1.125 12.00 2.000 105.37 1806.4 877.8 18010.9 12.0 10.0 20.5 54.88 28.75 1.125 14.00 1.750 110.22 12.05 14.80 1.125 14.00 1.750 110.22 12.05 16.32 14.00 1.125 14.00 1.750 110.22 13.00 2.000 110.22 13.00 2.20 1.125 13.00 1.20 1.20 110.22 13.00 2.20 110.22 13.00 1.250 110.00 1.250 110.00 1.20 110.00 1.00 1.20 110.00 1.00 1	1.750T		1785.6	833.3	17328.1	11.8	9.7		53.13	28.75	1.125	13.00	1.750	34.31
115-27 1604-4 677-8 18010-9 12-0 10-0 20-5 54.86 28.75 1.125 14.00 1.750 1168-25 1827-4 912-4 18712-7 12-1 10-2 20-5 56.36 29-0 1.125 13.00 2.010 1.15-0 1168-20 1912-4 18712-7 12-1 10-2 20-5 56.36 29-0 1.25-1 13.00 2.010 115-0 1.15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 1.250 15-0 15-0 1.250 15-0 15-0 1.250 15-0 15-0 1.250 15-0 15-0 1.250 15-0 15-0 1.250 15-0 15-0 15-0 15-0 15-0 15-0 15-0 15	70001		1806.8	861.3	17935.0	12.0	6.6		54.38	29.00	1.125	12.00	2.000	34.59
115.20 1991.6 970.7 21699.9 12.9 10.9 22.4 60.00 31.50 1.250 15.00 2.000 115.20 1991.6 970.7 21699.9 12.9 10.9 22.4 60.00 31.50 1.250 15.00 1.500 1.500 119.00 2009.8 1012.6 22392.5 13.0 11.1 22.1 61.50 31.75 1.250 16.00 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.500 1.	1.750T	105.37	1804.4	877.8	18010.9	15.0	10.0	10	24.88	28.75	1.125	14.00	1.750	34.31
115.20 1991.6 970.7 21699.9 12.9 10.9 22.4 60.00 31.50 1.250 15.00 1.500 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00 115.00	2.000T		1827.4	912.4	18712.7	15.1	10.2	2	56.38	29.00	1.125	13.00	2.000	34.59
118.08 2009.8 1012.8 22392.5 13.0 11.1 22.1 61.50 31.50 1.250 16.00 1.500 119.04 2023.0 1021.8 22742.2 13.1 11.2 22.3 62.00 31.75 1.250 14.00 1.750 129.12 2077.7 1168.4 25052.4 13.5 12.1 21.4 67.25 31.75 1.250 17.00 1.750 13.9 12.0 20.00 20.00.4 1170.6 25317.4 13.5 12.1 21.6 67.50 32.00 1.250 15.00 2.000 1.750 13.9 4.210.5 61.0 2.000 1.750 13.9 4.210.5 61.0 2.000 1.750 13.9 4.2 11.2 1339.7 30955.3 14.6 13.6 23.3 75.3 34.75 1.375 17.00 2.000 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.3 35.00 1.375 17.00 2.000 148.57 2342.5 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 15.00 2.000 15.7 15.00 2.000 15.7 16.00 2.500 15.7 16.00 2.000 15.7 16.00 2.5 16.00 2.000 15.7 16.00 2.5 16.00 2.000 15.7 16.00 2.5 16.00 2.000 15.7 16.00 2.5 16.0 2.000 15.7 16.00 2.5 16.0 2.000 15.7 16.00 2.000 15.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 16.0 1.2 16.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2.0 10.0 2	1.500T		1991.6	970.7	21699.9	12.9	10.9		90.09	31.50	1.250	15.00	1.500	41.56
119.04 2023.0 1021.6 22742.2 13.1 11.2 22.3 62.00 31.75 1.250 14.00 1.750 129.12 2077.7 1160.4 25952.4 13.5 12.1 21.4 67.25 31.75 1.250 17.00 1.750 129.60 2080.4 1170.6 25317.4 13.5 12.1 21.6 67.50 32.00 1.250 15.00 2.000 133.44 2106.6 1226.6 26163.5 13.7 12.4 21.5 67.50 32.00 1.250 15.00 2.000 144.25 2311.2 1339.7 30955.3 14.6 13.4 23.1 75.13 34.75 1.375 17.00 2.000 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.36 35.00 1.375 15.00 2.000 145.5 23.4 2361.5 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 15.00 2.000 157.44 2533.3 1469.0 36727.3 15.5 14.5 25.0 02.00 1.375 15.00 1.750 157.00 1.750 161.28 2565.5 1527.5 38057.6 15.0 24.0 38.00 1.500 1.750 161.20 2565.5 1527.5 38057.6 15.0 14.8 24.7 83.75 17.00 1.750 17.80 1.750 161.20 2565.5 1527.5 38057.6 15.0 15.0 1.250 16.00 2.000 165.01 15.00 2.000 165.01 2.560.2 1531.2 2580.2 1531.9 39179.8 15.0 15.1 24.6 86.00 38.00 1.500 16.00 2.000 2.000	1.500T	12.12.5	2009.8	1012.8	22392.5	13.0	11:1	_	61.50	31.50	1.250	16.00	1.500	41.56
129.12 2077.7 1168.4 25052.4 13.5 12.1 21.4 67.25 31.75 1.250 17.00 1.750 129.12 2077.7 1168.4 2502.4 13.5 12.1 21.6 67.50 32.00 1.250 15.00 2.000 133.4 2106.6 1226.6 26163.5 13.7 12.4 21.3 59.70 1.250 16.00 2.000 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.38 35.00 1.375 17.00 2.750 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.38 35.00 1.375 17.00 2.750 146.57 2342.5 1402.2 32234.7 14.8 13.6 23.0 77.38 35.00 1.375 15.00 2.000 157.4 2533.3 1462.6 3254.7 14.8 13.6 25.0 82.00 1.375 17.00 2.000 157.4 2533.3 1469.0 36727.3 15.5 14.6 24.7 83.75 17.5 15.00 1.750 160.80 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 17.5 15.00 1.750 1.750 160.80 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 17.5 15.00 1.750 160.80 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 17.5 15.00 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 16.50 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750 1.750	11.750T	350,000	2023.0	1021.8	25742.2	13.1	11.2		95.00	31.75	1.250	14.00	1.750	41.86
129.60 2086.4 1170.6 25317.4 13.5 12.1 21.6 67.50 32.00 1.250 15.00 2.000 133.44 2106.6 1226.6 26163.5 13.7 12.4 21.3 69.50 32.00 1.250 16.00 2.000 144.25 23.3 23.22 2 13.7 1.3 23.2 2 13.7 14.6 13.6 13.4 23.1 75.13 35.00 1.375 17.00 1.750 146.57 2342.5 1402.2 32.3 75.3 35.00 1.375 15.0 0 2.000 15.2 14.6 13.6 13.6 13.6 14.6 13.8 23.0 77.3 8 35.00 1.375 15.0 0 2.000 15.2 4 14.9 14.1 22.7 79.3 35.00 1.375 17.0 2.000 15.7 44 2533.3 1469.0 37.75 15.5 14.6 14.8 24.7 83.75 15.5 15.0 1.750 1.750 16.00 2.000 16.2 2.5 14.6 25.6 14.8 24.7 83.75 1.500 1.500 1.750 16.00 1.750 16.2 265.5 15.7 5 15.5 15.6 14.8 24.7 83.75 1.500 1.500 1.750 16.00 2.000 16.5 12.2 2586.2 1531.9 39179.8 15.6 15.1 24.6 86.00 38.00 1.500 1.500 2.000	11.750T	129.12	2077.7	1168.4	25052.4	13.5	15.1		67.25	31.75	1.250	17.00	1.750	41.88
133.44 2106.6 1226.6 26163.5 13.7 12.4 21.3 69.50 32.00 1.250 16.00 2.000 14.25 2311.2 1339.7 30955.3 14.6 13.4 23.1 75.13 34.75 1.375 17.00 1.750 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.38 35.00 1.375 15.00 2.000 148.57 2342.5 1462.2 32234.7 14.8 13.8 23.0 77.38 35.00 1.375 15.00 2.000 152.000 152.4 2361.6 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 17.00 2.000 152.4 2353.3 1469.0 36727.3 15.5 14.5 25.0 02.00 37.75 1.500 1.750 1610.80 2554.2 1524.9 37716.3 15.6 14.8 24.9 04.00 38.00 1.500 17.00 1.750 161.28 2565.5 1527.5 30179.8 15.0 15.0 1.500 15.00 2.000 165.12 2508.2 1531.9 39179.8 15.0 15.1 24.6 06.00 38.00 1.500 1.500 2.000	72.000T		2088.4	1170.6	25317.4	13.5	15.1	9	67.50	32.00	1.250	15.00	2.000	42.19
144.25 2311.2 1339.7 30955.3 14.6 13.4 23.1 75.13 34.75 1.375 17.00 1.750 144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.38 35.00 1.375 15.00 2.000 148.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.38 35.00 1.375 15.00 2.000 152.4 12361.6 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 17.00 2.000 157.4 2533.3 1469.0 36727.3 15.5 14.5 25.0 02.00 37.75 1.500 1.750 15750 15750 2554.2 1524.9 37716.3 15.6 14.8 24.7 03.75 37.75 1.500 1.750 15.00 1.750 161.28 2565.5 1527.5 3057.6 15.7 14.8 24.9 04.00 30.00 1.500 15.00 2.000 165.12 2500.2 1591.9 39179.8 15.0 15.1 24.6 06.00 30.00 1.500 1.500 2.000	72.000T	Times.	2106.6	1226.6	26163.5	13.7	15.4	2	99.69	32.00	1.250	16.00	2.000	45.19
144.73 2322.2 1342.1 31257.5 14.6 13.5 23.3 75.36 35.00 1.375 15.00 2.000 146.57 2342.5 1402.2 32234.7 14.6 13.6 23.0 77.38 35.00 1.375 15.00 2.000 152.4 2351.6 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 17.00 2.000 157.4 2533.3 1469.0 36727.3 15.5 14.5 25.0 02.00 37.75 1.500 15.00 1.750 161.20 2554.2 1524.9 37716.3 15.6 14.8 24.7 03.75 37.75 1.500 17.00 1.750 161.20 25555.5 1527.5 38057.6 15.7 14.8 24.9 04.00 38.00 1.500 15.00 2.000 165.01 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2 2500.2	11.750T		2311.2	1339.7	30955.3	14.6	13.4	-	75.13	34.75	1.375	17.00	1.750	50.19
148.57 2342.5 1402.2 32234.7 14.8 13.8 23.0 77.38 35.00 1.375 16.00 2.000 152.41 2361.6 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 17.00 2.000 157.44 2533.3 1469.0 36727.3 15.5 14.5 25.0 82.00 37.75 1.500 1.750 1.750 161.00 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 37.75 1.500 17.00 1.750 161.28 2565.5 1527.5 38057.6 15.7 14.8 24.9 84.00 38.00 1.500 15.00 2.000 165.12 2588.2 1591.9 39179.8 15.8 15.1 24.6 86.00 38.00 1.500 16.00 2.000	72.000T		2322.2	1345.1	31257.5	14.6	13.5	2	75.38	35.00	1.375	15.00	2.000	50.53
152.41 2361.6 1462.5 33192.4 14.9 14.1 22.7 79.38 35.00 1.375 17.00 2.000 157.44 2533.3 1469.0 36727.3 15.5 14.5 25.0 02.00 37.75 1.500 16.00 1.750 160.00 2554.2 1524.9 37716.3 15.6 14.0 24.7 03.75 17.75 1.500 17.00 1.750 161.20 2565.5 1527.5 36057.6 15.7 14.8 24.9 04.00 36.00 1.500 15.00 2.000 165.12 2586.2 1591.9 39179.8 15.0 15.1 24.6 06.00 38.00 1.500 16.00 2.000	72.000T		2345.5	1402.2	32234.7	14.8	13.8		77.38	35.00	1.375	16.00	2.000	50.53
157.44 2533.3 1469.0 36727.3 15.5 14.5 25.0 82.00 37.75 1.500 16.00 1.750 160.00 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 37.75 1.500 17.00 1.750 161.20 2554.5 1527.5 36057.6 15.7 14.8 24.9 84.00 38.00 1.500 15.00 2.000 165.12 2588.2 1531.9 39179.8 15.8 15.1 24.6 86.00 38.00 1.500 16.00 2.000	72.000T	152.41	2361.6	1462.5	33192.4	14.9	14.1	1	79.38	35.00	1.375	17.00	2.000	50.53
160.80 2554.2 1524.9 37716.3 15.6 14.8 24.7 83.75 37.75 1.500 1.750 1.750 161.20 2555.5 1527.5 3605.7 14.8 24.9 64.00 38.00 1.500 15.00 2.000 165.12 2588.2 1591.9 39179.8 15.8 15.1 24.6 86.00 38.00 1.500 16.00 2.000	71.750T	157.44	2533.3	1469.0	36727.3	15.5	14.5	0	92.00	37.75	1.500	16.00	1.750	59.25
161.28 2565.5 1527.5 38057.6 15.7 14.8 24.9 84.00 38.00 1.500 15.00 2.000 165.12 2588.2 1591.9 39179.8 15.8 15.1 24.6 86.00 38.00 1.500 16.00 2.000	71.750F	160.60	2554.2	1524.9	37716.3	15.6	14.8	24.7	83.75	37.75	1.500	17.00	1.750	53.55
169.12 2548.2 1591.9 39179.8 15.8 15.1 24.6 86.00 38.00 1.500 16.00 2.000 59.	/2.000T	161.28	2565.5	1527.5	38057.6	15.7	14.8	6	94.00		1.500	15.00	2.000	59.63
	72.000T	165.12	2588.2	1591.9	39179.8	15.8	15.1	9	96.00	38.00	1.500	16.00	2.000	

1.7500 - 1 3/4 in.

in.

2.0000

2.000 IN. PLATE (AREA= 92.00 SQ.IN.)

2.000 IN. PLATE (AREA. 92.00 SQ.IN.)

The last of the la		SECT ION											
			-		-					160		PLANDE	SHEAR
	HI/FI	ZPL	2FL	INERTIA	œ	4	YF	AREA	DEPTH	THICK	HIDIN	THICK	AREA
24X13X1.000/1.3757	-	1863.2	611.1	12599.2	9.7	6.8		41.00	25.38	1.000	13. BB	1.375	27.38
24X12X1.000/1.500T	*	1869.2	612.4	12684.5	7.6	6.9		42.00	25.50	1.000	12.00	1.500	27.50
21X16X .875/1.500T	~	1701.0	632.2	11292.9	9.5	9.9		42.38	22.50	.875	16.00	1.500	21.44
24X11X1.000/1.750T	*	6.6691	639.6	13279.6	6.6	7.0	_	43.25	25.75	1.000	11.00	1.750	27.75
24X14X1.000/1.375T	1	1886.6	643.5	13138.1	9.9	7.0		43.25	25.38	1.000	14.00	1.375	27.30
24X13X1.080/1.500T	93.52	1895.3	648.4	13285.5	6.6	7.0	20.5	43.50	25.50	1.000	13.00	1.500	27.50
24X15X1.000/1.375T	85.69	1907.8	675.6	13660.8	10.0	7.2	2002	44.63	25.38	1.000	15.00	1.375	27.31
24X12X1.000/1.750T	96.40	1927.8	681.0	13965.1	10.1	7.2	20.5	45.00	25.75	1.000	12.00	1.758	27.75
24X14X1.000/1.500T	:	1918.3	683.5	13859.0	10.1	7.2	20.3	45.00	25.51	1.000	14.00	1.500	27.50
24X15X1.000/1.500T	58	1939.9	719.0	14425.7	10.2	7.4	_	46.50	25.50	1.000	15.00	1.500	27.50
24X13X1.000/1.750T	9	1953.2	722.5	14635.1	10.3	7.5	20.3	46.75	25.75	1.000	13.00	1.750	27.75
27X12X1-125/1-3757	11	2088.3	694.2	15827.3	10.7	7.6		46.88	28.38	1.125	12.00	1.375	34.10
27 X1 3X 1. 125/1. 375T	95.64	2116.2	730.8	16502.0	10.8	7.8	22.6	48.25	28.38	1.125	13.00	1.375	34.18
27x12x1.125/1.500T	92.89	2122.3	732.2	16604.6	10.9	7.8	-	46.38	28.58	1.125	12.00	1.580	34.31
24X14X1.000/1.750T	93.12	1975.7	763.0	15274.5	10.4	7.7	0	48.50	25.75	1.000	14.00	1.750	27.75
27×14×1-125/1-3757	95.29	2141.0	766.4	17146.1	11.0	9.0		49.63	28.38	1.125	14.00	1.375	34.18
27X13X1.125/1.506F	95.77	2149.9	771.7	17319.5	11.0	8.1		49.88	28.50	1.125	13.00	1.500	34.31
24X15X1.000/1.750T	•	1997.4	804.8	15918.7	10.6	8.0		50.25	25.75	1.000	15.00	1.750	27.75
27X12X1-125/1-750T	2	2104.7	888.1	18140.1	11.2	8.3	22.4	51.38	28.75	1.125	12.00	1.750	34.59
27X15X1-125/1-500T	101.53	2196.8	850.1	18699.3	11.4	8.5		52.88	28.50	1.125	15.00	-	34.31
27x13x1.125/1.750T	105.01	2212.4	853.9	18945.4	11:	9.6	~	53.13	28.75	1.125	13.00	1.750	34.59
27X12X1.125/2.000T	104.41	2240.0	6.21	19632.0	11.6		25.2	54.30	29.00	1.125	12.00	2.00	34.00
27X14X1-125/1-7587	105.37	2237.7	8 3 9 . 5	19728.5	11.6		21.9	24.88	28.75	1.125	14.00	1.750	34.59
27x13x1.125/2.000T	108-25	2567.7	935.2	20526.3	11.0	9.1	51.9	56.38	29.00	1.125	13.00	2.111	34.00
30X15X1.250/1.500T	115.20	2463.5	9.966	23769.1	12.5	9.6	23.9	90.09	31.50	1.250	15.00	1.500	41.8
30x16x1.250/1.500T	116.00		1839.6	24562.2	15.6	9.9	23.6	61.50	31.50	1.250	16. 80	1.500	41.8
30×14×1.250/1.7507	119.04		2.640	24953.5	15.7	10.0	23.8	62.00	31.75	1.250	14.00	1.75	42.19
30×17×1.250/1.7507	129.12	2576.2	1199.3	27619.3	13.2	11.7	23.0	67.25	31.75	1.250	17.00	1.750	42.19
30X15X1.250/2.000T	129.63	•	12021	27913.5	13.2	10.8	23.5	67.50	32.00	1.250	15.00	2.10	42.50
30X16X1.250/2.000T	133. **		5.6521	26697.0	13.4	11:1	52.9	69.50	32.00	1.250	16.00	2.00	42.5
33X17X1.375/1.750T	164.25	2856.5 1	1376.1	34162.5	14.3	12.0	24.8	75.13	34.75	1.375	17.00	1.750	51.53
33X15X1.375/2.000T	144.73	_	301.0	34498.2	14.4	15.1	25.0	75.38	35.00	1.375	15.00	2.00	51.15
33X16X1.375/2.000T	146.57		1442.7	35631.1	14.5	12.3	24.7	77.38	35.11	1.375	16.0	2.111	51.15
33X17X1.375/2.000T	152.41	2921.0	1504.7	36745.1	14.6	12.6	24.4	79.38	35.00	1.375	17.00	2.111	50.00
36X16X1.500/1.750T	157.44	3118.5	1514.4	40521.0	15.3	13.0	26.8	82.00	37.75	1.500	16.00	1.750	59.63
36x17x1.500/1.750T	169.80	6	1571.9	41660.5	15.4	13.2	26.5	83.75	37.75	1.500	17-00	1.750	59-63
36X15X1.500/2.000F	161.28		1575.0	42039.8	15.5	13.3	26.7	84.08	36.00	1.500	15-88	2.000	66.00
100	166.12		2 . 175	4.2226. 7		13.6	7 96						

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	SHEAR	AREA	.65	66.	1.10	1.10	1.19	1.00	1.19	1.35	1.36	1.60	1.03	1.61	1.65	2.08	1.06	2.10	2.11	2.10	2.11	2.35	2.94	5.66	2.95	2.6	2.97	5.66	5.99	2.97	3.92	5.99	3.94	£:29	3.96	4.31	3.99	5.99	***	3.96	4.31	3.99	4:3	3.96	4.36	4.34	5.40	
******	391	THICK	.100	.250	.313	.250	.313	.313	.313	.375	.430	.375	.313	. 430	.375	.313	.436	.375	.430	.375	.436	.51	.375	.5	.43	. 563	.51	.5	.563	. 30	.43	.563	.5.	. 430	.563	.510	.625	.563	.563	.563	.511	.629	.563	.563	.629	. 563	.500	
	FLANGE	MIDIM	2.00	2.10	2-06	2.00	2.00	3.00	3.86	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.06	3.00	:;	***	:;	:;	:	**	:::	:;	2.5	:;	5.1	;	2.11	;	:	;	*	::	::		2.00	2.11	5.00	2.5	9.00	2.00	9.09	2.00	
OIMENSIONS		THICK	.125	.100	.186	.100	.188	.100	.100	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.250	.313	.313	.313	.313	. 313	.313	.313	.313	.313	.375	.313	.375	.375	.375	.375	.375	.313	.375	.375	.375	.375	.375	.375	.375	.375	.430	
BEAN		DEPTH	3.19	3.25	3.31	4.25	4.31	3.31	4.31	3.38	3.44	4.38	5.31	****	5.38	6.31	5.44	6.38	6.44	6.38	6.44	9.50	7.38	6.50	7.44	6.56	7.51	6.50	7.56	7.50	9.44	7.56	6.50	9.44	9.56	9.50	8.63	7.56	9.26	9.56	9.50	6.63	9.56	8.56	9.63	9.56	10.50	
•••••		AREA	.75	1.06	1.19	1.25	1.30	1.50	1.69	1.00	2.16	2.13	2.19	2.31	2.38	2.44	5.56	2.63	2.01	3.00	3.25	3.56	3.69	3.86	3.94	4.13	4.19	4.30	***	4.69	4.75	2.10	2.00	5.13	2.52	5.38	2.50	2.56	5.63	5.01	2.88	6.13	61.9	6.38	6.50	6.75	9:0	
		1 k	4.2	4.2		5.5	5.3		5.5	£.4	:	5.3	6.2	5.3	6.3	7.2	6.3	7.2	7.3	7.2	7.2	6.3		7.3	8.2	7.3	8.2	7.2		9.2	9.1	8.2	3.6	19.1	3.5	1:1	9.5	8.2	10.1	9.1	10.0	3.6	10.1	9.1	10.1	11:0	10.9	
		4	1:0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1:1	1:1	1.1	1.1	1:1	1.1	1:1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	::	1:4	1.4	4:4	1:4		1:4	1.5	1:4	1.5	1.5	1.5	1.5	1.6	
		œ					•		•	•	•	6.	6.	6.		1.1	1.0	1.1	1.1	1.2	1.2	1.2	1:4	1.3	1.4	1:4	1.5	1:1	1.5	1.6	1.6	1.7	1.7	1:0	1.0	1:9	1.0	::	2.0	1.9	2.0	2.0	2.1	2.0	2.2	2.2	2.3	
		INERTIA	39.6	42.9	45.2	51.3	54.8	50.6	62.8	55.3	9.05	20.6	63.1	75.7	4.06	105.5	97.6	115.4	124.9	133.6	146.6	127.6	179.4	166.7	196.0	179.9	212.9	191.2	230.1	244.6	260.1	265.7	281.2	324.8	302.0	350.5	323.5	300.4	375.7	346.5	398.4	373.2	429.8	391.2	461.5	483.5	511.6	
	MODUL US	ZFL	9.5	10.2	10.6	9.9	10.4	11.9	12.0	12.8	13.4	13.4	13.4	14.2	14.4	14.7	15.5	16.0	17.2	10.5	2002	2002	22.0	55.9	23.9	24.6	52.9	56.4	27.8	59.9	28.5	32.3	30.7	32.3	32.9	34.7	35.0	36.8	37.1	37.9	39.6	1.04	42.6	43.0	45.6	48.3	1.94	
	SECTION	286	38.5	41.6	43.3	48.8	51.8	47.0	58.4	51.6	54.4	64.5	15.0	68.5	2.00	93.0	86.2	100.4	107.4	113.5	122.7	117.5	145.7	135.5	156.5	144.0	167.1	151.0	177.6	186.0	196.8	198.0	209.0	236.1	9.022	250.5	232.3	216.6	263.2	244.0	274.4	257.4	289.7	265.9	304.5	314.1	330.0	
		HT/FT	1.44	2.04	2.28	2.40	5.65	2.80	3.24	3.61	3.96	4.09	4.20	****	4.57	4.68	4.92	5.05	5.40	5.76	42.9	6.84	7.08	7.45	7.56	7.93	8.04	14.0	8.52	9.00	9.12	9.60	9.60	9.85	10.08	10.33	10.56	11.66	10.81	11.16	11.29	11.77	11.88	12.25	12.48	12.96	13.21	
		32	.188T	.250T	31.3T	.250T	3131	.313T	3131	.37 ST	438F	.375T	3131	438T	.37 ST	3131	438T	3751	436F	375T	.438T	.500T	.375T	.510T	438T	5631	.500T	1905'	.563T	,500T	438L	, 563T	500T	.438T		-500T	6257	563T		5637			563T	563T	625T	5637	500T	
		NAL SIZE				.188/					250/		. 250/							7052	1952	313/	.313/ .											.375/			.375/ .	.313/ .		.375/			375/	375/	375/	375/	438/	
		NOMI	×	×	2x	4x 2x	×2	3×	×	×	3×	3×	3×				3×	3×	3×	×	×	×	×		×		×	2X	×	2%	×	×	×	×	×	×	×	×	×	2×	2×	×	2×	3		×9	*	

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